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(FILE 'HOME' ENTERED AT 07:04:44 ON 20 SEP 2000)

FILE 'REGISTRY' ENTERED AT 07:04:48 ON 20 SEP 2000

L1 STR  
L2 0 S L1  
L3 SCR 1840  
L4 0 S L1 AND L3  
L5 18336 S C6/ESS(S)C5/ESS(S)NC4/ESS  
L6 2 S L1 AND L3 SSS SAM SUB=L5  
L7 37 S L1 AND L3 SSS FUL SUB=L5

FILE 'CAPLUS' ENTERED AT 07:07:13 ON 20 SEP 2000

L8 8 S L7

FILE 'CAOLD' ENTERED AT 07:08:33 ON 20 SEP 2000

L9 0 S L7

FILE 'BEILSTEIN' ENTERED AT 07:08:38 ON 20 SEP 2000

L10 STR L1  
L11 0 S L10 FUL

FILE 'HCAPLUS' ENTERED AT 07:14:11 ON 20 SEP 2000

L12 207 S COE J?/AU  
L13 387 S BROOKS P?/AU  
L14 3 S L12 AND L13  
SELECT RN L14 1-3

FILE 'REGISTRY' ENTERED AT 07:14:33 ON 20 SEP 2000

L15 158 S E1-158

FILE 'HCAPLUS' ENTERED AT 07:14:55 ON 20 SEP 2000

L16 2 S L14 AND L15  
L17 1 S L14 NOT L16

FILE 'REGISTRY' ENTERED AT 07:16:50 ON 20 SEP 2000

L18 32259 S C6/ESS(S)C5/ESS(S)NC5/ESS  
L19 7 S L1 AND L3 SSS SAM SUB=L18  
L20 134 S L1 AND L3 SSS FUL SUB=L18

FILE 'CAPLUS' ENTERED AT 07:18:32 ON 20 SEP 2000

L21 5 S L20

FILE 'CAOLD' ENTERED AT 07:19:59 ON 20 SEP 2000

L22 0 S L20

FILE 'BEILSTEIN' ENTERED AT 07:20:15 ON 20 SEP 2000

L23 0 S L10 FUL

FILE 'REGISTRY' ENTERED AT 07:20:39 ON 20 SEP 2000

SAV L20 COLE402/A

*Inventor Search*

=> d all

~~LI~~ ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2000 ACS  
~~AN~~ 2000:332706 HCAPLUS  
TI Boron trichloride/tetra-n-butylammonium iodide: A mild, selective  
combination reagent for the cleavage of 1.degree.-alkyl aryl ethers.  
AU **Coe, Jotham**; Wirtz, Michael C.; **Brooks, Paige R.**;  
Rescek, Diane M.; Woodworth, Graeme F.; Morgan, Bradley P.  
CS Neuroscience, Pfizer, Inc, Groton, CT, 06340, USA  
SO Book of Abstracts, 219th ACS National Meeting, San Francisco, CA, March  
26-30, 2000 (2000), ORGN-579 Publisher: American Chemical Society,  
Washington, D. C.  
CODEN: 69CLAC  
DT Conference; Meeting Abstract  
LA English  
AB The combination of  $\text{BCl}_3$  and anhyd.  $\text{n-Bu}_4\text{NI}$  in  $\text{CH}_2\text{Cl}_2$  has been found to be  
a valuable reagent for the cleavage of 1 o-alkyl aryl ethers to the  
corresponding phenols. Methyl-, ethyl-, allyl- and benzyl-aryl ethers  
readily cleave at low to ambient temp. when exposed to 1.1 equiv of  
anhyd.  
 $\text{n-Bu}_4\text{NI}$  and 1.5 equiv of  $\text{BCl}_3$  in  $\text{CH}_2\text{Cl}_2$ . The method is mild, generally  
applicable, and operationally simple. In some cases the combination  
reagent is more reactive than  $\text{BBr}_3$ , yet it is less prone to the handling  
difficulties assocd. with  $\text{BBr}_3$ . Selective cleavage of electron rich  
ethers is achieved in the presence of conjugated ethers.

=> d bub abs hitstr 116

'BUB' IS NOT A VALID FORMAT FOR FILE 'HCAPLUS'  
ENTER DISPLAY FORMAT (BIB):end

=> d bib abs hitstr 116

~~116~~ ANSWER 1 OF 2 HCAPLUS COPYRIGHT 2000 ACS

AN 1999:757856 HCAPLUS

DN 132:137145

TI Boron trichloride/tetra-n-butylammonium iodide: a mild, selective combination reagent for the cleavage of primary alkyl aryl ethers

AU **Brooks, Paige R.**; Wirtz, Michael C.; Vetelino, Michael G.; Rescek, Diane M.; Woodworth, Graeme F.; Morgan, Bradley P.; **Coe, Jotham W.**

CS Central Research Division, Pfizer Inc., Groton, CT, 06340, USA

SO J. Org. Chem. (1999), 64(26), 9719-9721

CODEN: JOCEAH; ISSN: 0022-3263

PB American Chemical Society

DT Journal

LA English

OS CASREACT 132:137145

AB The title reagents were used to cleave a variety of alkyl aryl ethers, e.g., 2-methoxynaphthalene, 3-methoxybenzonitrile, and 7-(ethoxymethoxy)chromen-2-one, to give the phenols in 64 to 98% yields. No reaction was obsd. for sterically hindered compds. such as 2-isopropoxynaphthalene and 2,6-di-tert-butylmethoxybenzene. Compds.

with

resonance stabilization of the alkoxy group, such as 4-methoxybenzonitrile, undergo the dealkylation more slowly, or in the case of 6-methoxy-1-tetralone, not at all. The reaction requires 1.5 equiv. BCl<sub>3</sub> and an addnl. 1.0 equiv. for each added Lewis base substituent.

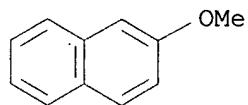
IT 93-04-9, 2-Methoxynaphthalene 93-18-5,  
2-Ethoxynaphthalene 94-59-7, Safrole 311-28-4,  
Tetra-n-butylammonium iodide 607-58-9, 1-(Benzyloxy)naphthalene 874-90-8, 4-Methoxybenzonitrile 1004-66-6,  
2-Methoxy-1,3-dimethylbenzene 1078-19-9, 6-Methoxy-1-tetralone 1527-89-5, 3-Methoxybenzonitrile 2472-22-2,  
6-Methoxy-2-tetralone 3188-13-4, Chloromethylethyl ether 5312-97-0, 2,5-Dimethoxybenzonitrile 5328-01-8,  
1-Ethoxynaphthalene 10294-34-5, Boron trichloride 15799-79-8, 3-Methoxy-N,N-dimethylaniline 21144-16-1  
23786-14-3, Methyl 4-methoxyphenylacetate 31005-03-5  
52189-63-6

RL: RCT (Reactant)

(cleavage of alkyl aryl ethers to substituted phenols with boron trichloride and tetra-n-butylammonium iodide)

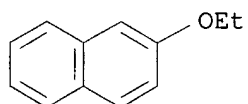
RN 93-04-9 HCAPLUS

CN Naphthalene, 2-methoxy- (8CI, 9CI) (CA INDEX NAME)



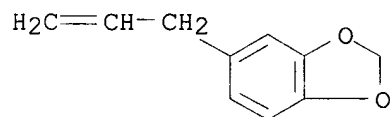
RN 93-18-5 HCAPLUS

CN Naphthalene, 2-ethoxy- (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)



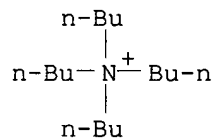
RN 94-59-7 HCAPLUS

CN 1,3-Benzodioxole, 5-(2-propenyl)- (9CI) (CA INDEX NAME)



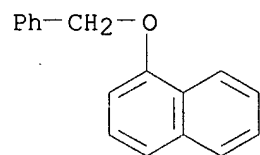
RN 311-28-4 HCAPLUS

CN 1-Butanaminium, N,N,N-tributyl-, iodide (9CI) (CA INDEX NAME)



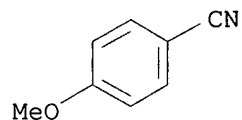
RN 607-58-9 HCAPLUS

CN Naphthalene, 1-(phenylmethoxy)- (9CI) (CA INDEX NAME)



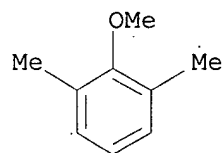
RN 874-90-8 HCAPLUS

CN Benzonitrile, 4-methoxy- (9CI) (CA INDEX NAME)



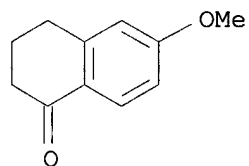
RN 1004-66-6 HCAPLUS

CN Benzene, 2-methoxy-1,3-dimethyl- (9CI) (CA INDEX NAME)



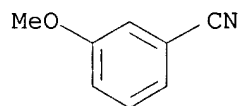
RN 1078-19-9 HCAPLUS

CN 1(2H)-Naphthalenone, 3,4-dihydro-6-methoxy- (7CI, 8CI, 9CI) (CA INDEX NAME)



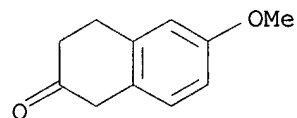
RN 1527-89-5 HCAPLUS

CN Benzonitrile, 3-methoxy- (9CI) (CA INDEX NAME)



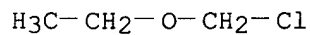
RN 2472-22-2 HCAPLUS

CN 2(1H)-Naphthalenone, 3,4-dihydro-6-methoxy- (7CI, 8CI, 9CI) (CA INDEX NAME)



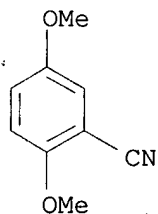
RN 3188-13-4 HCAPLUS

CN Ethane, (chloromethoxy)- (9CI) (CA INDEX NAME)



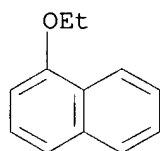
RN 5312-97-0 HCAPLUS

CN Benzonitrile, 2,5-dimethoxy- (7CI, 8CI, 9CI) (CA INDEX NAME)



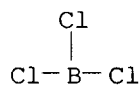
RN 5328-01-8 HCAPLUS

CN Naphthalene, 1-ethoxy- (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)



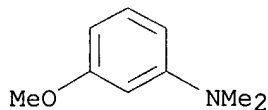
RN 10294-34-5 HCAPLUS

CN Borane, trichloro- (9CI) (CA INDEX NAME)



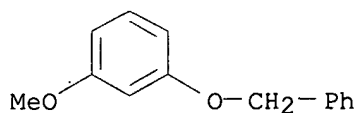
RN 15799-79-8 HCAPLUS

CN Benzenamine, 3-methoxy-N,N-dimethyl- (9CI) (CA INDEX NAME)



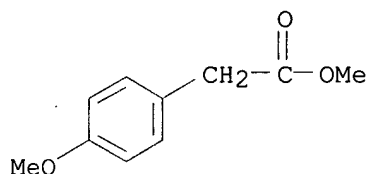
RN 21144-16-1 HCAPLUS

CN Benzene, 1-methoxy-3-(phenylmethoxy)- (9CI) (CA INDEX NAME)



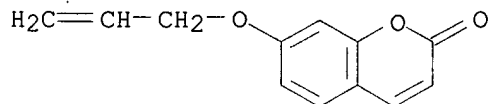
RN 23786-14-3 HCAPLUS

CN Benzeneacetic acid, 4-methoxy-, methyl ester (9CI) (CA INDEX NAME)



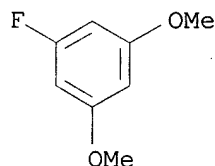
RN 31005-03-5 HCAPLUS

CN 2H-1-Benzopyran-2-one, 7-(2-propenyloxy)- (9CI) (CA INDEX NAME)



RN 52189-63-6 HCAPLUS

CN Benzene, 1-fluoro-3,5-dimethoxy- (9CI) (CA INDEX NAME)

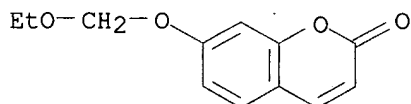


IT 257291-96-6P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation)  
(cleavage of alkyl aryl ethers to substituted phenols with boron trichloride and tetra-n-butylammonium iodide)

RN 257291-96-6 HCAPLUS

CN 2H-1-Benzopyran-2-one, 7-(ethoxymethoxy)- (9CI) (CA INDEX NAME)

IT 90-15-3P, .alpha.-Naphthol 93-35-6P 99-07-0P,  
3-(Dimethylamino)phenol 135-19-3P, .beta.-Naphthol, preparation  
150-19-6P, 3-Methoxyphenol 576-26-1P, 2,6-Dimethylphenol  
767-00-0P, 4-Hydroxybenzonitrile 873-62-1P,  
3-Hydroxybenzonitrile 1126-61-0P, 4-Allylcatechol  
14199-15-6P, Methyl 4-hydroxyphenylacetate 52727-28-3P  
75996-29-1P 180526-90-3P

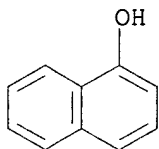
RL: SPN (Synthetic preparation); PREP (Preparation)

Searched by John Dantzman 703-308-4488

(cleavage of alkyl aryl ethers to substituted phenols with boron trichloride and tetra-n-butylammonium iodide)

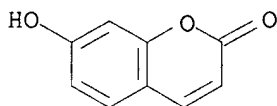
RN 90-15-3 HCAPLUS

CN 1-Naphthalenol (9CI) (CA INDEX NAME)



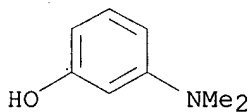
RN 93-35-6 HCAPLUS

CN 2H-1-Benzopyran-2-one, 7-hydroxy- (9CI) (CA INDEX NAME)



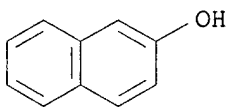
RN 99-07-0 HCAPLUS

CN Phenol, 3-(dimethylamino)- (9CI) (CA INDEX NAME)



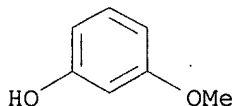
RN 135-19-3 HCAPLUS

CN 2-Naphthalenol (9CI) (CA INDEX NAME)



RN 150-19-6 HCAPLUS

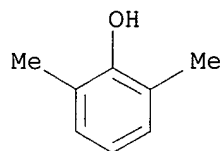
CN Phenol, 3-methoxy- (9CI) (CA INDEX NAME)



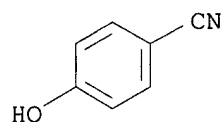
RN 576-26-1 HCAPLUS

CN Phenol, 2,6-dimethyl- (9CI) (CA INDEX NAME)

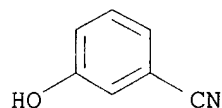




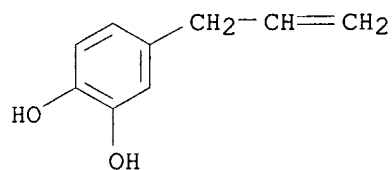
RN 767-00-0 HCAPLUS  
CN Benzonitrile, 4-hydroxy- (9CI) (CA INDEX NAME)



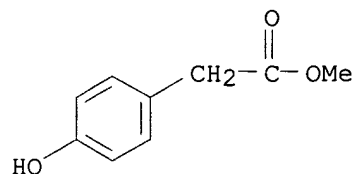
RN 873-62-1 HCAPLUS  
CN Benzonitrile, 3-hydroxy- (9CI) (CA INDEX NAME)



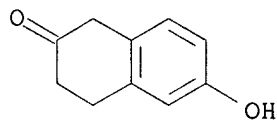
RN 1126-61-0 HCAPLUS  
CN 1,2-Benzenediol, 4-(2-propenyl)- (9CI) (CA INDEX NAME)



RN 14199-15-6 HCAPLUS  
CN Benzeneacetic acid, 4-hydroxy-, methyl ester (9CI) (CA INDEX NAME)

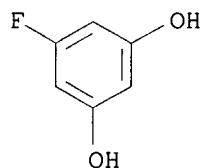


RN 52727-28-3 HCAPLUS  
CN 2(1H)-Naphthalenone, 3,4-dihydro-6-hydroxy- (9CI) (CA INDEX NAME)



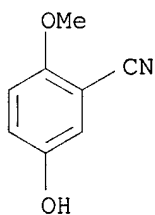
RN 75996-29-1 HCAPLUS

CN 1,3-Benzenediol, 5-fluoro- (9CI) (CA INDEX NAME)



RN 180526-90-3 HCAPLUS

CN Benzonitrile, 5-hydroxy-2-methoxy- (9CI) (CA INDEX NAME)



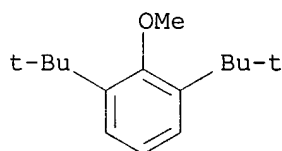
IT 1516-95-6

RL: RCT (Reactant)

(failed cleavage of 2,6-di(tert-butyl) substituted phenolic ether with boron trichloride and tetra-n-butylammonium iodide)

RN 1516-95-6 HCAPLUS

CN Benzene, 1,3-bis(1,1-dimethylethyl)-2-methoxy- (9CI) (CA INDEX NAME)



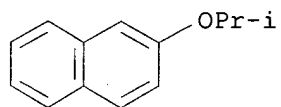
IT 15052-09-2, 2-Isopropoxynaphthalene

RL: RCT (Reactant)

(failed cleavage of 2-isopropoxynaphthalene to .beta.-naphthol with boron trichloride and tetra-n-butylammonium iodide)

RN 15052-09-2 HCAPLUS

CN Naphthalene, 2-(1-methylethoxy)- (9CI) (CA INDEX NAME)



RE.CNT 44

RE

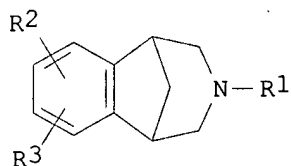
- (1) Anton, K; Chem Ber 1984, V117, P2479 HCAPLUS
- (2) Banwell, M; J Org Chem 1998, V63, P9139 HCAPLUS
- (3) Bayer, H; J Med Chem 1991, V34, P2685 HCAPLUS
- (5) Bhatt, M; J Organomet Chem 1978, V156, P221 HCAPLUS
- (6) Bhatt, M; Synthesis 1983, P249 HCAPLUS

ALL CITATIONS AVAILABLE IN THE RE FORMAT

=&gt; d bib abs hitstr 116 2

L16 ANSWER 2 OF 2 HCAPLUS COPYRIGHT 2000 ACS  
 AN 1999:451282 HCAPLUS  
 DN 131:102204  
 TI Preparation of 1,5-methano-3-benzazepines and analogs as nicotinic  
 receptor ligands  
 IN **Coe, Jotham Wadsworth; Brooks, Paige Roanne Palmer**  
 PA Pfizer Products Inc., USA  
 SO PCT Int. Appl., 83 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

|      | PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|------|---|------|----------|-----------------|----------|
| PI   | WO 9935131  | A1   | 19990715 | WO 1998-IB1813  | 19981113 |
|      | W:  |      |          |                 |          |
|      | AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE,     |      |          |                 |          |
|      | DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG,     |      |          |                 |          |
|      | KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX,     |      |          |                 |          |
|      | NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT,     |      |          |                 |          |
|      | UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM      |      |          |                 |          |
|      | RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, |      |          |                 |          |
|      | FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI,     |      |          |                 |          |
|      | CM, GA, GN, GW, ML, MR, NE, SN, TD, TG                              |      |          |                 |          |
|      | AU 9896416  | A1   | 19990726 | AU 1998-96416   | 19981113 |
| PRAI | US 1997-70245   |      | 19971231 |                 |          |
|      | WO 1998-IB1813  |      | 19981113 |                 |          |
| OS   | MARPAT 131:102204   |      |          |                 |          |
| GI   |   |      |          |                 |          |



AB Title compds. [I; R1 = H, alk(en)yl, alkoxyethyl, oxoalkyl, etc.; R2,R3 = H, halo, (di)(alkyl)amino, alkyl, etc.; R2R3 = atoms to complete a ring] were prepd. Thus, 2-FC6H4Br was cyclocondensed with cyclopentadiene and the product osmylated to give 1,2,3,4-tetrahydro-1,4-methanonaphthalene-2,3-diol which was treated with NaIO4 and the product cyclocondensed with PhCH2NH2 to give, after deprotection, I (R1-R3 = H). Data for biol. activity of I were given.

IT 69718-72-5P 230614-99-0P 230615-00-6P  
 230615-01-7P 230615-02-8P 230615-03-9P  
 230615-04-0P 230615-05-1P 230615-06-2P  
 230615-07-3P 230615-08-4P 230615-09-5P  
 230615-10-8P 230615-11-9P 230615-12-0P  
 230615-13-1P 230615-14-2P 230615-15-3P  
 230615-16-4P 230615-17-5P 230615-18-6P

Searched by John Dantzman 703-308-4488

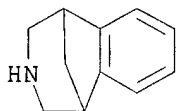
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230615-28-8P 230615-29-9P 230615-30-2P  
230615-31-3P 230615-32-4P 230615-33-5P  
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230615-43-7P 230615-44-8P 230615-45-9P  
230615-46-0P 230615-52-8P 230615-75-5P

RL: BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(prepn. of 1,5-methano-3-benzazepines and analogs as nicotinic receptor ligands)

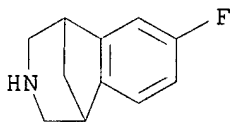
RN 69718-72-5 HCAPLUS

CN 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro- (9CI) (CA INDEX NAME)



RN 230614-99-0 HCAPLUS

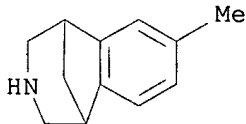
CN 1,5-Methano-1H-3-benzazepine, 7-fluoro-2,3,4,5-tetrahydro-, hydrochloride (9CI) (CA INDEX NAME)



● HCl

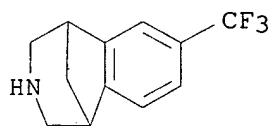
RN 230615-00-6 HCAPLUS

CN 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-7-methyl-, hydrochloride (9CI) (CA INDEX NAME)



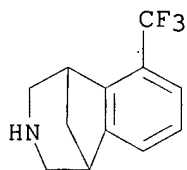
● HCl

RN 230615-01-7 HCAPLUS

CN 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-7-(trifluoromethyl)-,  
hydrochloride (9CI) (CA INDEX NAME)

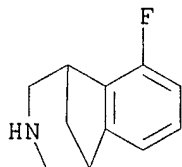
● HCl

RN 230615-02-8 HCAPLUS

CN 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-6-(trifluoromethyl)-,  
hydrochloride (9CI) (CA INDEX NAME)

● HCl

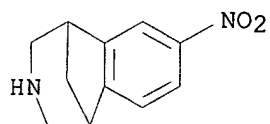
RN 230615-03-9 HCAPLUS

CN 1,5-Methano-1H-3-benzazepine, 6-fluoro-2,3,4,5-tetrahydro-, hydrochloride  
(9CI) (CA INDEX NAME)

● HCl

RN 230615-04-0 HCAPLUS

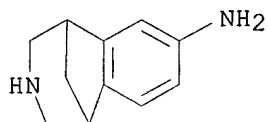
CN 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-7-nitro-,  
monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 230615-05-1 HCAPLUS

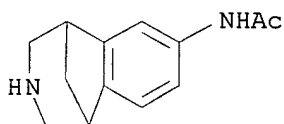
CN 1,5-Methano-1H-3-benzazepin-7-amine, 2,3,4,5-tetrahydro-,  
monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 230615-06-2 HCAPLUS

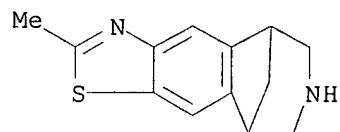
CN Acetamide, N-(2,3,4,5-tetrahydro-1,5-methano-1H-3-benzazepin-7-yl)-,  
monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 230615-07-3 HCAPLUS

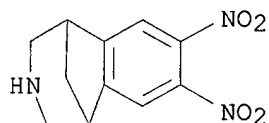
CN 5,9-Methano-5H-thiazolo[4,5-h][3]benzazepine,  
6,7,8,9-tetrahydro-2-methyl-,  
, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

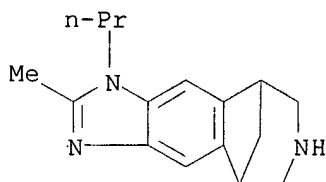
RN 230615-08-4 HCAPLUS

CN 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-7,8-dinitro- (9CI) (CA INDEX NAME)



RN 230615-09-5 HCAPLUS

CN 5,9-Methanoimidazo[4,5-h][3]benzazepine,  
1,5,6,7,8,9-hexahydro-2-methyl-1-  
propyl-, monohydrochloride (9CI) (CA INDEX NAME)

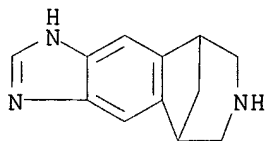


● HCl

RN 230615-10-8 HCAPLUS

CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-,  
monohydrochloride (9CI) (CA INDEX NAME)

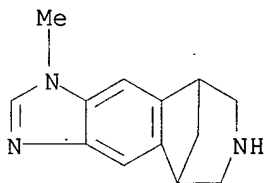




● HCl

RN 230615-11-9 HCAPLUS

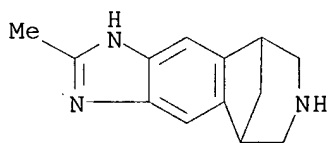
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-1-methyl-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 230615-12-0 HCAPLUS

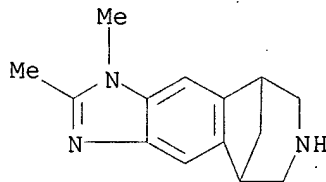
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-2-methyl-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 230615-13-1 HCAPLUS

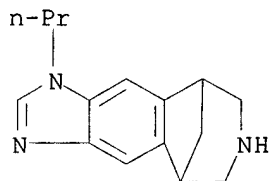
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-1,2-dimethyl-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 230615-14-2 HCAPLUS

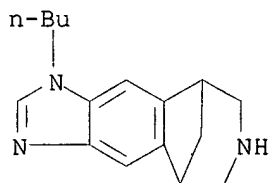
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-1-propyl-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 230615-15-3 HCAPLUS

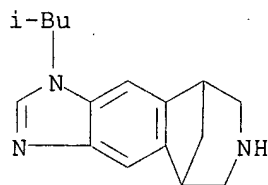
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1-butyl-1,5,6,7,8,9-hexahydro-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 230615-16-4 HCAPLUS

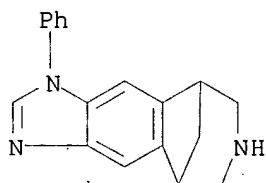
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-1-(2-methylpropyl)-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 230615-17-5 HCAPLUS

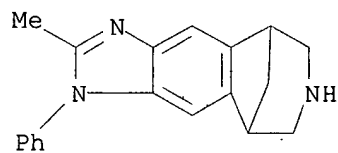
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-1-phenyl-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 230615-18-6 HCAPLUS

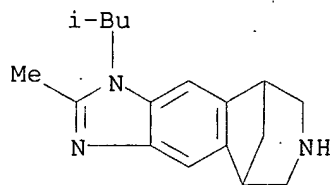
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-2-methyl-1-phenyl-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 230615-19-7 HCAPLUS

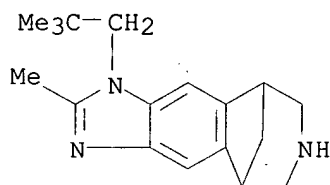
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-2-methyl-1-(2-methylpropyl)-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 230615-20-0 HCAPLUS

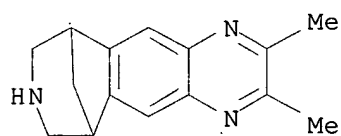
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1-(2,2-dimethylpropyl)-  
1,5,6,7,8,9-hexahydro-2-methyl-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 230615-21-1 HCAPLUS

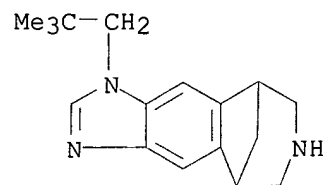
CN 6,10-Methano-6H-pyrazino[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro-2,3-  
dimethyl-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 230615-22-2 HCAPLUS

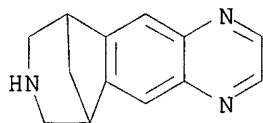
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1-(2,2-dimethylpropyl)-  
1,5,6,7,8,9-hexahydro-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 230615-23-3 HCAPLUS

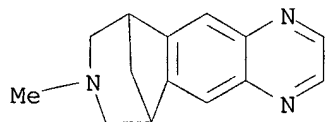
CN 6,10-Methano-6H-pyrazino[2,3-h][3]benzazepine, 6,7,8,9-tetrahydro-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 230615-24-4 HCAPLUS

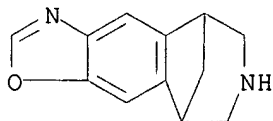
CN 6,10-Methano-6H-pyrazino[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro-8-methyl-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

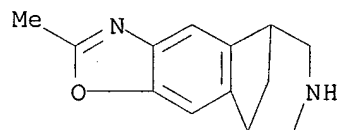
RN 230615-25-5 HCAPLUS

CN 5,9-Methano-5H-oxazolo[4,5-h][3]benzazepine, 6,7,8,9-tetrahydro-, monohydrochloride (9CI) (CA INDEX NAME)



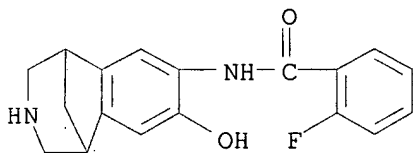
● HCl

RN 230615-26-6 HCAPLUS  
CN 5,9-Methano-5H-oxazolo[4,5-h][3]benzazepine,  
6,7,8,9-tetrahydro-2-methyl-,  
monohydrochloride (9CI) (CA INDEX NAME)



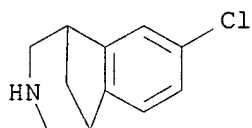
● HCl

RN 230615-27-7 HCAPLUS  
CN Benzamide, 2-fluoro-N-(2,3,4,5-tetrahydro-8-hydroxy-1,5-methano-1H-3-benzazepin-7-yl)-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

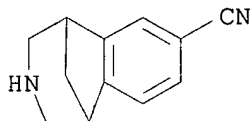
RN 230615-28-8 HCAPLUS  
CN 1,5-Methano-1H-3-benzazepine, 7-chloro-2,3,4,5-tetrahydro-, hydrochloride  
(9CI) (CA INDEX NAME)



● HCl

RN 230615-29-9 HCAPLUS

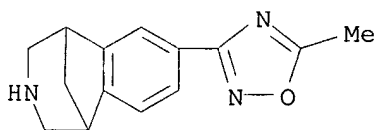
CN 1,5-Methano-1H-3-benzazepine-7-carbonitrile, 2,3,4,5-tetrahydro-,  
monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 230615-30-2 HCAPLUS

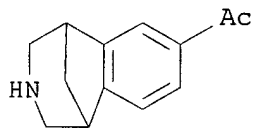
CN 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-7-(5-methyl-1,2,4-  
oxadiazol-3-yl)-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 230615-31-3 HCAPLUS

CN Ethanone, 1-(2,3,4,5-tetrahydro-1,5-methano-1H-3-benzazepin-7-yl)-,  
hydrochloride (9CI) (CA INDEX NAME)

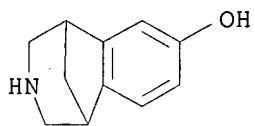


● HCl

RN 230615-32-4 HCAPLUS

CN 1,5-Methano-1H-3-benzazepin-7-ol, 2,3,4,5-tetrahydro-, hydrochloride (9CI)

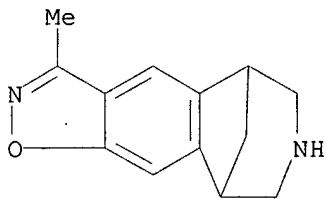
(CA INDEX NAME)



● HCl

RN 230615-33-5 HCAPLUS

CN 5,9-Methano-5H-isoxazolo[4,5-h][3]benzazepine, 6,7,8,9-tetrahydro-3-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

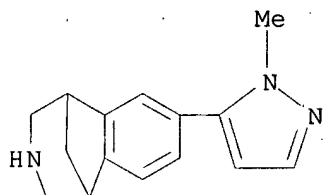


● HCl

RN 230615-34-6 HCAPLUS

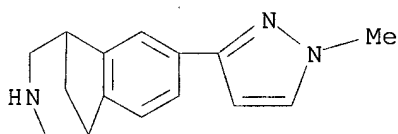
CN 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-7-(1-methyl-1H-pyrazol-5-yl)-, monohydrochloride (9CI) (CA INDEX NAME)





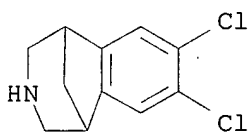
● HCl

RN 230615-35-7 HCAPLUS  
CN 1,5-Methano-1H-3-benzazepine,  
2,3,4,5-tetrahydro-7-(1-methyl-1H-pyrazol-3-  
yl)-, monohydrochloride (9CI) (CA INDEX NAME)



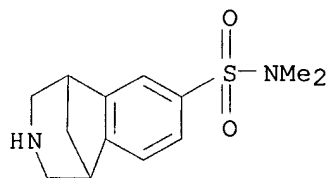
● HCl

RN 230615-36-8 HCAPLUS  
CN 1,5-Methano-1H-3-benzazepine, 7,8-dichloro-2,3,4,5-tetrahydro-,  
hydrochloride (9CI) (CA INDEX NAME)



● HCl

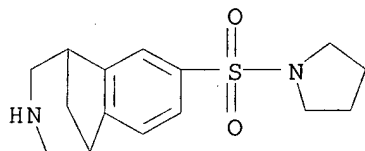
RN 230615-37-9 HCAPLUS  
CN 1,5-Methano-1H-3-benzazepine-7-sulfonamide, 2,3,4,5-tetrahydro-N,N-  
dimethyl-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 230615-38-0 HCAPLUS

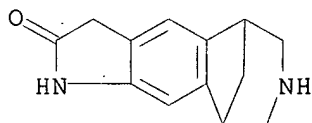
CN Pyrrolidine, 1-[(2,3,4,5-tetrahydro-1,5-methano-1H-3-benzazepin-7-yl)sulfonyl]-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 230615-39-1 HCAPLUS

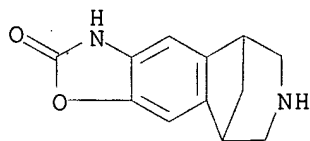
CN 5,9-Methanopyrrolo[2,3-h][3]benzazepin-2(1H)-one, 3,5,6,7,8,9-hexahydro-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 230615-40-4 HCAPLUS

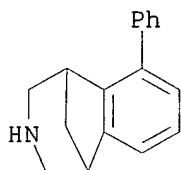
CN 5,9-Methano-2H-oxazolo[4,5-h][3]benzazepin-2-one, 3,5,6,7,8,9-hexahydro-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 230615-41-5 HCAPLUS

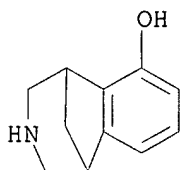
CN 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-6-phenyl-, hydrochloride  
(9CI) (CA INDEX NAME)



● HCl

RN 230615-42-6 HCAPLUS

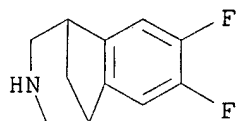
CN 1,5-Methano-1H-3-benzazepin-6-ol, 2,3,4,5-tetrahydro-, hydrochloride  
(9CI)  
(CA INDEX NAME)



● HCl

RN 230615-43-7 HCAPLUS

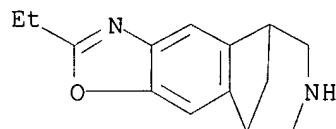
CN 1,5-Methano-1H-3-benzazepine, 7,8-difluoro-2,3,4,5-tetrahydro-,  
hydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 230615-44-8 HCAPLUS

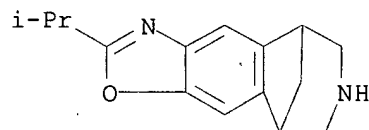
CN 5,9-Methano-5H-oxazolo[4,5-h][3]benzazepine, 2-ethyl-6,7,8,9-tetrahydro-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 230615-45-9 HCAPLUS

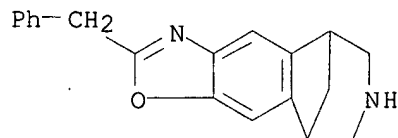
CN 5,9-Methano-5H-oxazolo[4,5-h][3]benzazepine, 6,7,8,9-tetrahydro-2-(1-methylethyl)-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 230615-46-0 HCAPLUS

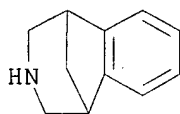
CN 5,9-Methano-5H-oxazolo[4,5-h][3]benzazepine, 6,7,8,9-tetrahydro-2-(phenylmethyl)-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 230615-52-8 HCAPLUS

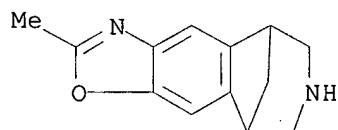
CN 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-, hydrochloride (9CI)  
(CA INDEX NAME)



● HCl

RN 230615-75-5 HCAPLUS

CN 5,9-Methano-5H-oxazolo[4,5-h][3]benzazepine, 6,7,8,9-tetrahydro-2-methyl-  
(9CI) (CA INDEX NAME)

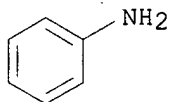


IT 62-53-3, Benzenamine, reactions 78-81-9, Isobutylamine  
79-03-8, Propionyl chloride 79-30-1, Isobutyryl chloride  
100-46-9, Benzylamine, reactions 103-80-0, Phenylacetyl  
chloride 107-08-4, 1-Iodopropane 109-73-9,  
1-Butylamine, reactions 123-75-1, Pyrrolidine, reactions  
327-52-6, 2,4,5-Trifluorobromobenzene 372-18-9,  
1,3-Difluorobenzene 393-52-2, 2-Fluorobenzoyl chloride  
399-94-0, 2,5-Difluoro-1-bromobenzene 431-03-8,  
2,3-Butanedione 452-62-0, 2-Fluoro-5-methyl-1-bromobenzene  
542-92-7, Cyclopentadiene, reactions 1072-85-1,  
2-Fluorobromobenzene 5813-64-9, Neopentylamine  
68322-84-9, 2-Fluoro-5-trifluoromethyl-1-bromobenzene  
104540-42-3, 2-Fluoro-6-trifluoromethylbromobenzene  
RL: RCT (Reactant)

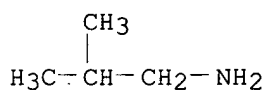
(prepn. of 1,5-methano-3-benzazepines and analogs as nicotinic  
receptor

Searched by John Dantzman 703-308-4488

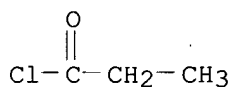
ligands)  
RN 62-53-3 HCAPLUS  
CN Benzenamine (9CI) (CA INDEX NAME)



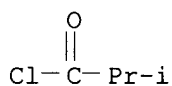
RN 78-81-9 HCAPLUS  
CN 1-Propanamine, 2-methyl- (9CI) (CA INDEX NAME)



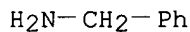
RN 79-03-8 HCAPLUS  
CN Propanoyl chloride (9CI) (CA INDEX NAME)



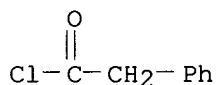
RN 79-30-1 HCAPLUS  
CN Propanoyl chloride, 2-methyl- (9CI) (CA INDEX NAME)



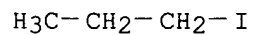
RN 100-46-9 HCAPLUS  
CN Benzenemethanamine (9CI) (CA INDEX NAME)



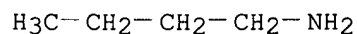
RN 103-80-0 HCAPLUS  
CN Benzeneacetyl chloride (9CI) (CA INDEX NAME)



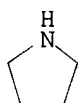
RN 107-08-4 HCAPLUS  
CN Propane, 1-iodo- (8CI, 9CI) (CA INDEX NAME)



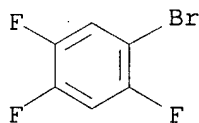
RN 109-73-9 HCAPLUS  
CN 1-Butanamine (9CI) (CA INDEX NAME)



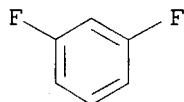
RN 123-75-1 HCAPLUS  
CN Pyrrolidine (8CI, 9CI) (CA INDEX NAME)



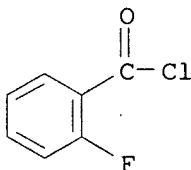
RN 327-52-6 HCAPLUS  
CN Benzene, 1-bromo-2,4,5-trifluoro- (8CI, 9CI) (CA INDEX NAME)



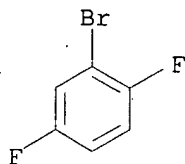
RN 372-18-9 HCAPLUS  
CN Benzene, 1,3-difluoro- (9CI) (CA INDEX NAME)



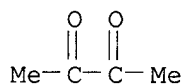
RN 393-52-2 HCAPLUS  
CN Benzoyl chloride, 2-fluoro- (9CI) (CA INDEX NAME)



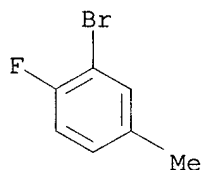
RN 399-94-0 HCAPLUS  
CN Benzene, 2-bromo-1,4-difluoro- (6CI, 8CI, 9CI) (CA INDEX NAME)



RN 431-03-8 HCAPLUS  
CN 2,3-Butanedione (8CI, 9CI) (CA INDEX NAME)



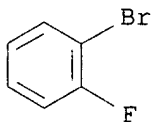
RN 452-62-0 HCAPLUS  
CN Benzene, 2-bromo-1-fluoro-4-methyl- (9CI) (CA INDEX NAME)



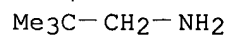
RN 542-92-7 HCAPLUS  
CN 1,3-Cyclopentadiene (8CI, 9CI) (CA INDEX NAME)



RN 1072-85-1 HCAPLUS  
CN Benzene, 1-bromo-2-fluoro- (7CI, 8CI, 9CI) (CA INDEX NAME)



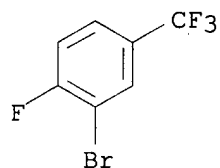
RN 5813-64-9 HCAPLUS  
CN 1-Propanamine, 2,2-dimethyl- (9CI) (CA INDEX NAME)





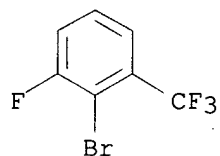
RN 68322-84-9 HCAPLUS

CN Benzene, 2-bromo-1-fluoro-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 104540-42-3 HCAPLUS

CN Benzene, 2-bromo-1-fluoro-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



IT 4453-90-1P, 1,4-Dihydro-1,4-methanonaphthalene 13697-89-7P

, 2,6-Difluoriodobenzene 58653-71-7P 61346-81-4P

63608-69-5P 230615-47-1P 230615-48-2P

230615-49-3P 230615-50-6P 230615-51-7P

230615-53-9P 230615-54-0P 230615-55-1P

230615-56-2P 230615-57-3P 230615-58-4P

230615-59-5P 230615-60-8P 230615-61-9P

230615-62-0P 230615-63-1P 230615-64-2P

230615-65-3P 230615-66-4P 230615-67-5P

230615-68-6P 230615-69-7P 230615-70-0P

230615-71-1P 230615-72-2P 230615-73-3P

230615-74-4P 230615-76-6P 230615-77-7P

230615-78-8P 230615-79-9P 230615-80-2P

230615-81-3P 230615-82-4P 230615-83-5P

230615-84-6P 230615-85-7P 230615-86-8P

230615-87-9P 230615-88-0P 230615-89-1P

230615-90-4P 230615-91-5P 230615-92-6P

230615-93-7P 230615-94-8P 230615-95-9P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation)

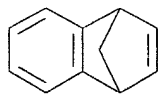
(prepn. of 1,5-methano-3-benzazepines and analogs as nicotinic

receptor

ligands)

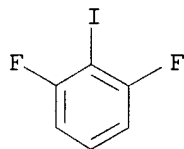
RN 4453-90-1 HCAPLUS

CN 1,4-Methanonaphthalene, 1,4-dihydro- (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)



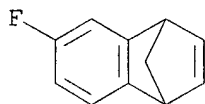
RN 13697-89-7 HCAPLUS

CN Benzene, 1,3-difluoro-2-iodo- (8CI, 9CI) (CA INDEX NAME)



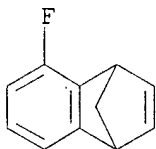
RN 58653-71-7 HCAPLUS

CN 1,4-Methanonaphthalene, 6-fluoro-1,4-dihydro- (9CI) (CA INDEX NAME)



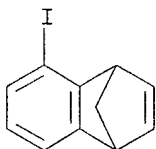
RN 61346-81-4 HCAPLUS

CN 1,4-Methanonaphthalene, 5-fluoro-1,4-dihydro- (9CI) (CA INDEX NAME)



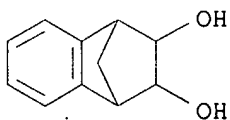
RN 63608-69-5 HCAPLUS

CN 1,4-Methanonaphthalene, 1,4-dihydro-5-iodo- (9CI) (CA INDEX NAME)

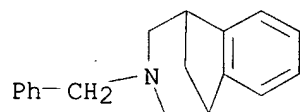


RN 230615-47-1 HCAPLUS

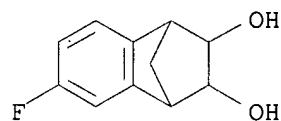
CN 1,4-Methanonaphthalene-2,3-diol, 1,2,3,4-tetrahydro- (9CI) (CA INDEX NAME)



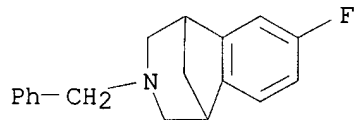
RN 230615-48-2 HCAPLUS

CN 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-3-(phenylmethyl)- (9CI)  
(CA INDEX NAME)

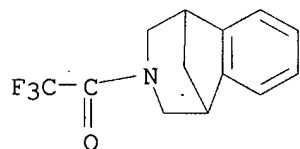
RN 230615-49-3 HCAPLUS

CN 1,4-Methanonaphthalene-2,3-diol, 6-fluoro-1,2,3,4-tetrahydro- (9CI) (CA  
INDEX NAME)

RN 230615-50-6 HCAPLUS

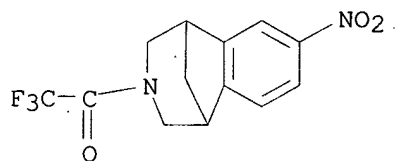
CN 1,5-Methano-1H-3-benzazepine,  
7-fluoro-2,3,4,5-tetrahydro-3-(phenylmethyl)-  
(9CI) (CA INDEX NAME)

RN 230615-51-7 HCAPLUS

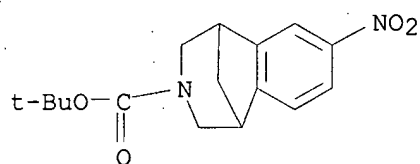
CN 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-3-(trifluoroacetyl)-  
(9CI) (CA INDEX NAME)

RN 230615-53-9 HCAPLUS

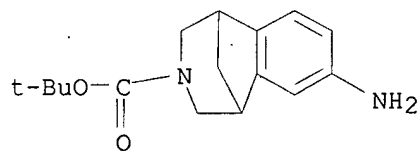
CN 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-7-nitro-3-  
(trifluoroacetyl)- (9CI) (CA INDEX NAME)



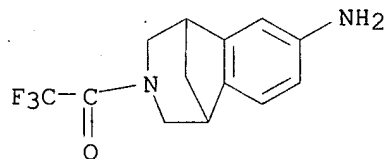
RN 230615-54-0 HCAPLUS  
CN 1,5-Methano-3H-3-benzazepine-3-carboxylic acid,  
1,2,4,5-tetrahydro-7-nitro-  
, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



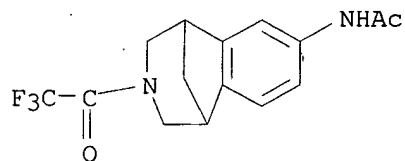
RN 230615-55-1 HCAPLUS  
CN 1,5-Methano-3H-3-benzazepine-3-carboxylic acid,  
7-amino-1,2,4,5-tetrahydro-  
, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



RN 230615-56-2 HCAPLUS  
CN 1,5-Methano-1H-3-benzazepin-7-amine, 2,3,4,5-tetrahydro-3-  
(trifluoroacetyl)- (9CI) (CA INDEX NAME)



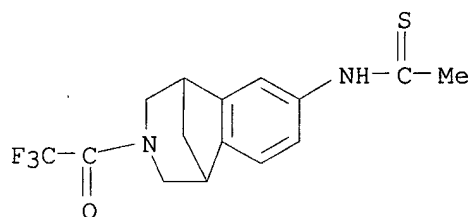
RN 230615-57-3 HCAPLUS  
CN Acetamide, N-[2,3,4,5-tetrahydro-3-(trifluoroacetyl)-1,5-methano-1H-3-  
benzazepin-7-yl]- (9CI) (CA INDEX NAME)



RN 230615-58-4 HCAPLUS

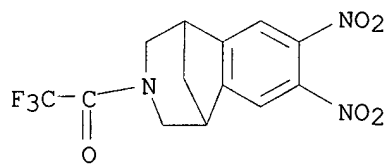
CN Ethanethioamide,

N-[2,3,4,5-tetrahydro-3-(trifluoroacetyl)-1,5-methano-1H-3-benzazepin-7-yl]- (9CI) (CA INDEX NAME)



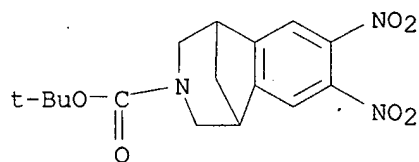
RN 230615-59-5 HCAPLUS

CN 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-7,8-dinitro-3-(trifluoroacetyl)- (9CI) (CA INDEX NAME)



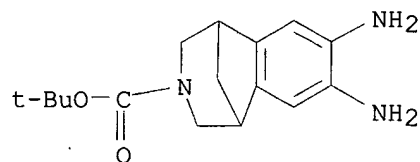
RN 230615-60-8 HCAPLUS

CN 1,5-Methano-3H-3-benzazepine-3-carboxylic acid, 1,2,4,5-tetrahydro-7,8-dinitro-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



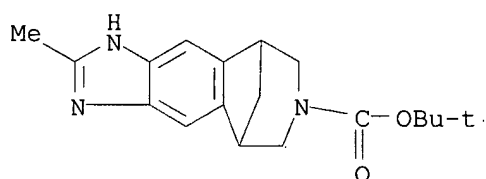
RN 230615-61-9 HCAPLUS

CN 1,5-Methano-3H-3-benzazepine-3-carboxylic acid, 7,8-diamino-1,2,4,5-tetrahydro-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



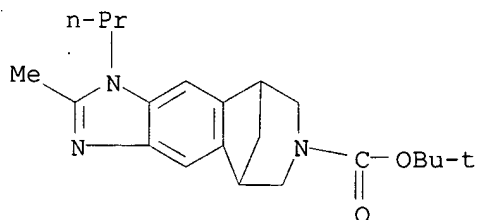
RN 230615-62-0 HCAPLUS

CN 5,9-Methanoimidazo[4,5-h][3]benzazepine-7(1H)-carboxylic acid,  
5,6,8,9-tetrahydro-2-methyl-, 1,1-dimethylethyl ester (9CI) (CA INDEX  
NAME)



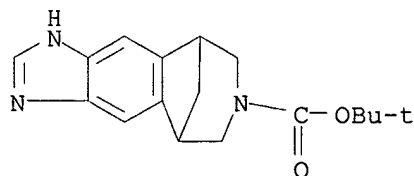
RN 230615-63-1 HCAPLUS

CN 5,9-Methanoimidazo[4,5-h][3]benzazepine-7(1H)-carboxylic acid,  
5,6,8,9-tetrahydro-2-methyl-1-propyl-, 1,1-dimethylethyl ester (9CI) (CA  
INDEX NAME)



RN 230615-64-2 HCAPLUS

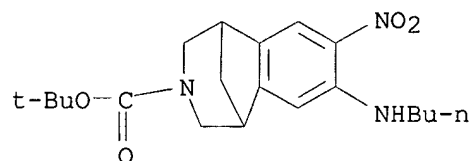
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine-7(1H)-carboxylic acid,  
5,6,8,9-tetrahydro-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



RN 230615-65-3 HCAPLUS

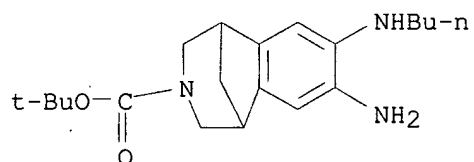
CN 1,5-Methano-3H-3-benzazepine-3-carboxylic acid, 7-(butylamino)-1,2,4,5-  
tetrahydro-8-nitro-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

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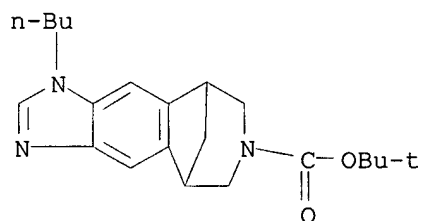
RN 230615-66-4 HCAPLUS

CN 1,5-Methano-3H-3-benzazepine-3-carboxylic acid, 7-amino-8-(butylamino)-1,2,4,5-tetrahydro-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



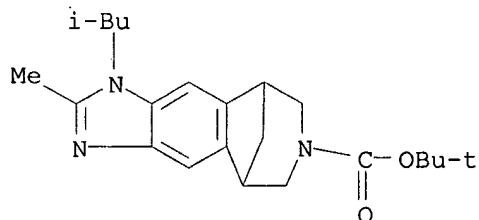
RN 230615-67-5 HCAPLUS

CN 5,9-Methanoimidazo[4,5-h][3]benzazepine-7(1H)-carboxylic acid, 1-butyl-5,6,8,9-tetrahydro-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



RN 230615-68-6 HCAPLUS

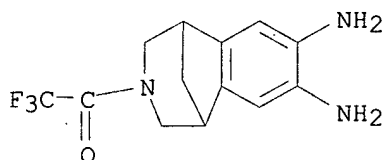
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine-7(1H)-carboxylic acid, 5,6,8,9-tetrahydro-2-methyl-1-(2-methylpropyl)-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



RN 230615-69-7 HCAPLUS

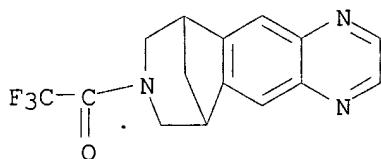
CN 1,5-Methano-1H-3-benzazepine-7,8-diamine, 2,3,4,5-tetrahydro-3-  
Searched by John Dantzman 703-308-4488

(trifluoroacetyl)- (9CI) (CA INDEX NAME)



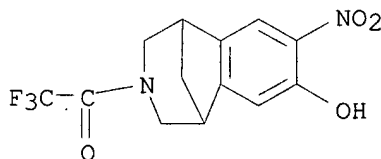
RN 230615-70-0 HCAPLUS

CN 6,10-Methano-6H-pyrazino[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro-8-(trifluoroacetyl)- (9CI) (CA INDEX NAME)



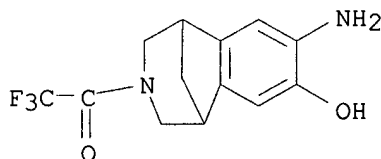
RN 230615-71-1 HCAPLUS

CN 1,5-Methano-1H-3-benzazepin-7-ol, 2,3,4,5-tetrahydro-8-nitro-3-(trifluoroacetyl)- (9CI) (CA INDEX NAME)



RN 230615-72-2 HCAPLUS

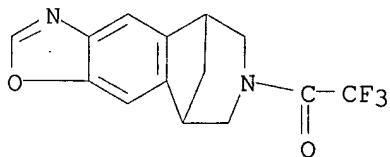
CN 1,5-Methano-1H-3-benzazepin-7-ol, 8-amino-2,3,4,5-tetrahydro-3-(trifluoroacetyl)- (9CI) (CA INDEX NAME)



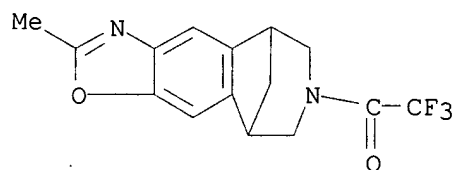
RN 230615-73-3 HCAPLUS

CN 5,9-Methano-5H-oxazolo[4,5-h][3]benzazepine, 6,7,8,9-tetrahydro-7-(trifluoroacetyl)- (9CI) (CA INDEX NAME)

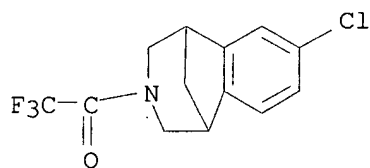




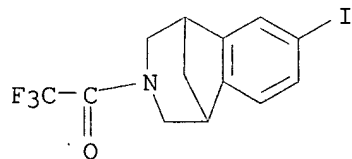
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CN 5,9-Methano-5H-oxazolo[4,5-h][3]benzazepine,  
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(trifluoroacetyl)- (9CI) (CA INDEX NAME)



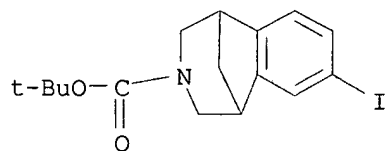
RN 230615-76-6 HCAPLUS  
CN 1,5-Methano-1H-3-benzazepine, 7-chloro-2,3,4,5-tetrahydro-3-  
(trifluoroacetyl)- (9CI) (CA INDEX NAME)



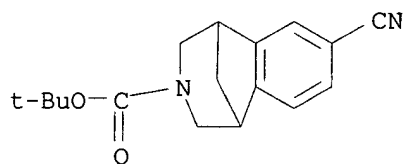
RN 230615-77-7 HCAPLUS  
CN 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-7-iodo-3-  
(trifluoroacetyl)- (9CI) (CA INDEX NAME)



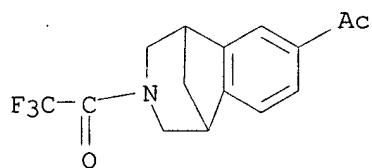
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CN 1,5-Methano-3H-3-benzazepine-3-carboxylic acid,  
1,2,4,5-tetrahydro-7-iodo-  
, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



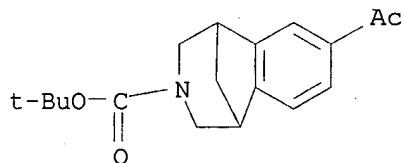
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CN 1,5-Methano-3H-3-benzazepine-3-carboxylic acid,  
7-cyano-1,2,4,5-tetrahydro-  
, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



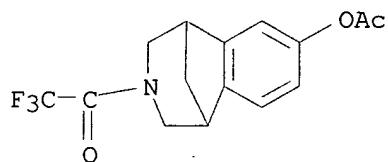
RN 230615-80-2 HCAPLUS  
CN 1,5-Methano-1H-3-benzazepine, 7-acetyl-2,3,4,5-tetrahydro-3-  
(trifluoroacetyl)- (9CI) (CA INDEX NAME)



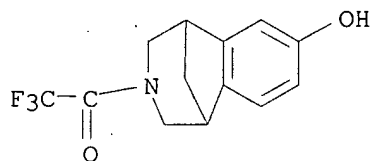
RN 230615-81-3 HCAPLUS  
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tetrahydro-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



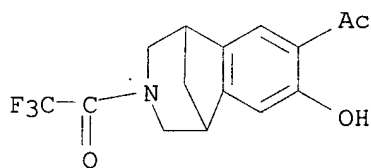
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CN 1,5-Methano-1H-3-benzazepin-7-ol,  
2,3,4,5-tetrahydro-3-(trifluoroacetyl)-,  
acetate (ester) (9CI) (CA INDEX NAME)



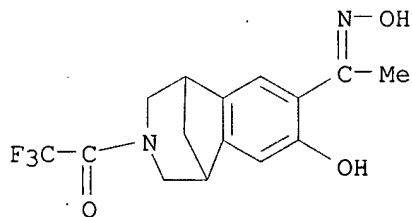
RN 230615-83-5 HCAPLUS

CN 1,5-Methano-1H-3-benzazepin-7-ol, 2,3,4,5-tetrahydro-3-(trifluoroacetyl)-  
(9CI) (CA INDEX NAME)

RN 230615-84-6 HCAPLUS

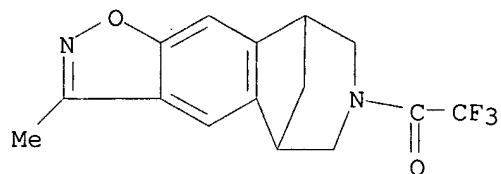
CN 1,5-Methano-1H-3-benzazepin-7-ol, 8-acetyl-2,3,4,5-tetrahydro-3-  
(trifluoroacetyl)- (9CI) (CA INDEX NAME)

RN 230615-85-7 HCAPLUS

CN 1,5-Methano-1H-3-benzazepin-7-ol, 2,3,4,5-tetrahydro-8-[1-  
(hydroxyimino)ethyl]-3-(trifluoroacetyl)- (9CI) (CA INDEX NAME)

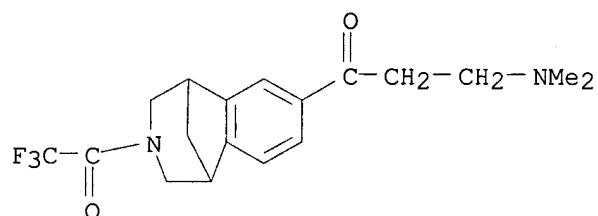
RN 230615-86-8 HCAPLUS

CN 5,9-Methano-5H-isoxazolo[4,5-h][3]benzazepine,  
6,7,8,9-tetrahydro-3-methyl-  
7-(trifluoroacetyl)- (9CI) (CA INDEX NAME)



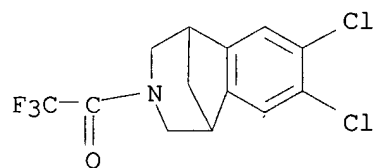
RN 230615-87-9 HCAPLUS

CN 1,5-Methano-1H-3-benzazepine-7-propanamine, 2,3,4,5-tetrahydro-N,N-dimethyl-.gamma.-oxo-3-(trifluoroacetyl)- (9CI) (CA INDEX NAME)



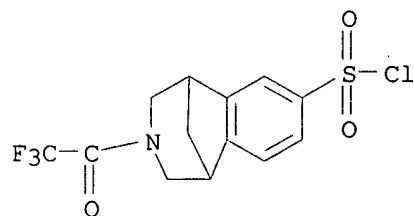
RN 230615-88-0 HCAPLUS

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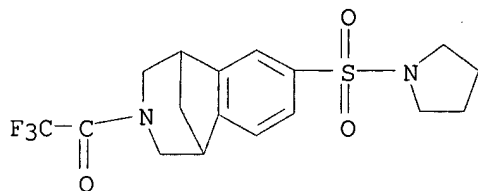
RN 230615-89-1 HCAPLUS

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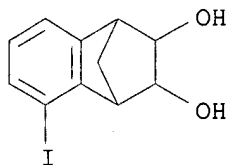
RN 230615-90-4 HCAPLUS

CN 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-7-(1-pyrrolidinylsulfonyl)-3-(trifluoroacetyl)- (9CI) (CA INDEX NAME)



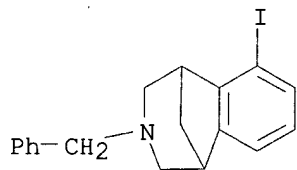
RN 230615-91-5 HCAPLUS

CN 1,4-Methanonaphthalene-2,3-diol, 1,2,3,4-tetrahydro-5-iodo- (9CI) (CA INDEX NAME)



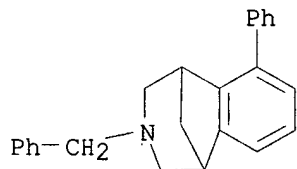
RN 230615-92-6 HCAPLUS

CN 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-6-iodo-3-(phenylmethyl)- (9CI) (CA INDEX NAME)



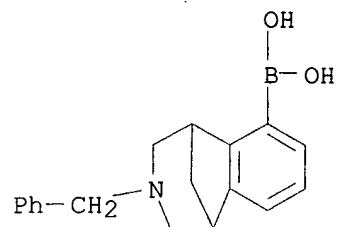
RN 230615-93-7 HCAPLUS

CN 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-6-phenyl-3-(phenylmethyl)- (9CI) (CA INDEX NAME)



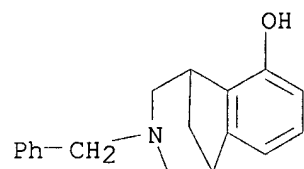
RN 230615-94-8 HCAPLUS

CN Boronic acid, [2,3,4,5-tetrahydro-3-(phenylmethyl)-1,5-methano-1H-3-benzazepin-6-yl]- (9CI) (CA INDEX NAME)



RN 230615-95-9 HCAPLUS

CN 1,5-Methano-1H-3-benzazepin-6-ol, 2,3,4,5-tetrahydro-3-(phenylmethyl)-  
(9CI) (CA INDEX NAME)



RE.CNT 2

RE

(1) Carson, J; US 3471503 A 1969 HCAPLUS

(2) Mazzochi, P; Journal of Medicinal Chemistry 1979, V22(4), P455

# Summary

COLEMAN

09/402010

Page 1

=> d his

(FILE 'HOME' ENTERED AT 07:04:44 ON 20 SEP 2000)

FILE 'REGISTRY' ENTERED AT 07:04:48 ON 20 SEP 2000

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L2 0 S L1  
L3 SCR 1840  
L4 0 S L1 AND L3  
L5 18336 S C6/ESS(S)C5/ESS(S)NC4/ESS  
L6 2 S L1 AND L3 SSS SAM SUB=L5  
L7 37 S L1 AND L3 SSS FUL SUB=L5

FILE 'CAPLUS' ENTERED AT 07:07:13 ON 20 SEP 2000

L8 8 S L7

FILE 'CAOLD' ENTERED AT 07:08:33 ON 20 SEP 2000

L9 0 S L7

FILE 'BEILSTEIN' ENTERED AT 07:08:38 ON 20 SEP 2000

L10 STR L1  
L11 0 S L10 FUL

FILE 'HCAPLUS' ENTERED AT 07:14:11 ON 20 SEP 2000

L12 207 S COE J?/AU  
L13 387 S BROOKS P?/AU  
L14 3 S L12 AND L13  
SELECT RN L14 1-3

FILE 'REGISTRY' ENTERED AT 07:14:33 ON 20 SEP 2000

L15 158 S E1-158

FILE 'HCAPLUS' ENTERED AT 07:14:55 ON 20 SEP 2000

L16 2 S L14 AND L15  
L17 1 S L14 NOT L16

FILE 'REGISTRY' ENTERED AT 07:16:50 ON 20 SEP 2000

L18 32259 S C6/ESS(S)C5/ESS(S)NC5/ESS  
L19 7 S L1 AND L3 SSS SAM SUB=L18  
L20 134 S L1 AND L3 SSS FUL SUB=L18

FILE 'CAPLUS' ENTERED AT 07:18:32 ON 20 SEP 2000

L21 5 S L20

FILE 'CAOLD' ENTERED AT 07:19:59 ON 20 SEP 2000

L22 0 S L20

FILE 'BEILSTEIN' ENTERED AT 07:20:15 ON 20 SEP 2000

L23 0 S L10 FUL

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SAV L20 COLE402/A

← 134 compounds

← 5 titles caplus

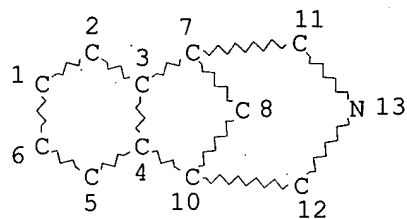
← 0 titles caold

← 0 Compounds Beilstein

=> d que 120

L1

STR



NODE ATTRIBUTES:

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DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED

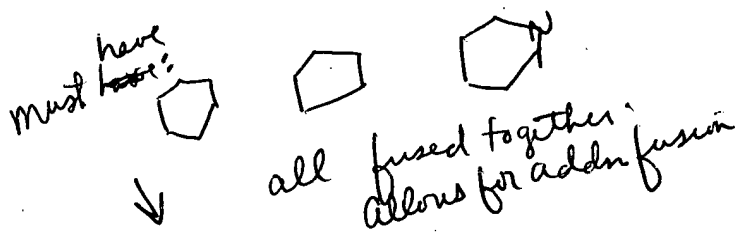
NUMBER OF NODES IS 12

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L21 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2000 ACS

AN 2000:553442 CAPLUS

DN 133:168383

TI Pharmaceutical compositions containing nicotine or a ligand of nicotine receptors and a monamine oxidase inhibitor and their use for treating tobacco withdrawal symptoms

IN Caille, Dominique; George, Pascal; Jegham, Samir; Robineau, Pascale; Scatton, Bernard; Zivkovic, Branimir

PA Sanofi-Synthelabo, Fr.

SO PCT Int. Appl., 37 pp.

CODEN: PIXXD2

DT Patent

LA French

FAN.CNT 1

PATENT NO. KIND DATE APPLICATION NO. DATE

PI WO 2000045846 A1 20000810 WO 2000-FR193 20000128

W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

FR 2788982 A1 20000804 FR 1999-1144 19990202

PRAI FR 1999-1144 19990202

OS MARPAT 133:168383

AB The invention concerns novel pharmaceutical compns. contg. nicotine or a ligand of nicotine receptors and a monamine oxidase inhibitor designed for

treating tobacco withdrawal symptoms. A bilayer tablet contained befloxadone 5, lactose 66, microcryst. cellulose 20, povidone 4, crospovidone 4, and magnesium stearate 1% in the first layer, and

nicotine

polacrylix 5, microcryst. cellulose 20 povidone 4, hydroxypropyl Me cellulose 25, magnesium stearate 1, and lactose q.s. 100% in the second layer.

IT 287973-24-4 287973-25-5 287973-26-6

287973-27-7 287973-28-8 287973-29-9

287973-32-4

RL: BAC (Biological activity or effector, except adverse); THU

(Therapeutic use); BIOL (Biological study); USES (Uses)

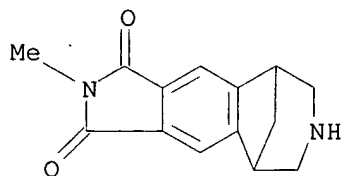
(pharmaceutical compns. contg. nicotine or ligand of nicotine

receptors

and monamine oxidase inhibitor and their use for treating tobacco withdrawal symptoms)

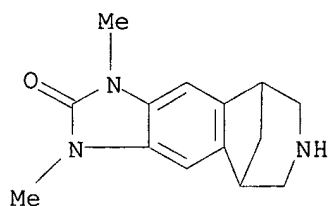
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CN 5,9-Methanopyrrolo[3,4-h][3]benzazepine-1,3(2H,5H)-dione, 6,7,8,9-tetrahydro-2-methyl- (9CI) (CA INDEX NAME)



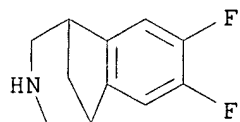
RN 287973-25-5 CAPLUS

CN 5,9-Methanoimidazo[4,5-h][3]benzazepin-2(1H)-one, 3,5,6,7,8,9-hexahydro-  
1,3-dimethyl- (9CI) (CA INDEX NAME)



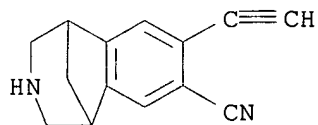
RN 287973-26-6 CAPLUS

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| CN | 1,5-Methano-1H-3-benzazepine, 7,8-difluoro-2,3,4,5-tetrahydro- (9CI) | (CA |
|    | INDEX NAME)  |     |



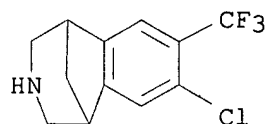
RN 287973-27-7 CAPLUS

CN 1,5-Methano-1H-3-benzazepine-7-carbonitrile,  
8-ethynyl-2,3,4,5-tetrahydro-  
(9CI) (CA INDEX NAME)



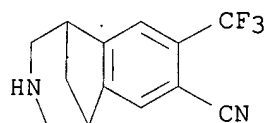
RN 287973-28-8 CAPLUS

CN 1,5-Methano-1H-3-benzazepine, 7-chloro-2,3,4,5-tetrahydro-8-(trifluoromethyl)- (9CI) (CA INDEX NAME)



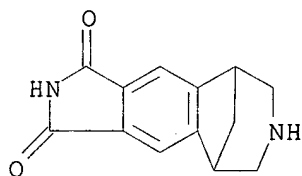
RN 287973-29-9 CAPLUS

CN 1,5-Methano-1H-3-benzazepine-7-carbonitrile, 2,3,4,5-tetrahydro-8-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 287973-32-4 CAPLUS

CN 5,9-Methanopyrrolo[3,4-h][3]benzazepine-1,3(2H,5H)-dione, 5,6,7,8-tetrahydro- (9CI) (CA INDEX NAME)



RE.CNT 3

RE

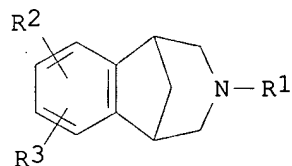
- (1) Cinciripini, P; ONCOLOGY 1998
- (2) La Roche, H; WO 9528934 A 1995
- (3) Williams, J; US 5803081 A 1998

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Applicants

L21 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2000 ACS  
 AN 1999:451282 CAPLUS  
 DN 131:102204  
 TI Preparation of 1,5-methano-3-benzazepines and analogs as nicotinic  
 receptor ligands  
 IN Coe, Jotham Wadsworth; Brooks, Paige Roanne Palmer  
 PA Pfizer Products Inc., USA  
 SO PCT Int. Appl., 83 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

|      | PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|------|---|------|----------|-----------------|----------|
| PI   | WO 9935131  | A1   | 19990715 | WO 1998-IB1813  | 19981113 |
|      | W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE,<br>DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG,<br>KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX,<br>NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT,<br>UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM<br>RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES,<br>FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI,<br>CM, GA, GN, GW, ML, MR, NE, SN, TD, TG |      |          |                 |          |
|      | AU 9896416  | A1   | 19990726 | AU 1998-96416   | 19981113 |
| PRAI | US 1997-70245   |      | 19971231 |                 |          |
|      | WO 1998-IB1813  |      | 19981113 |                 |          |
| OS   | MARPAT 131:102204   |      |          |                 |          |
| GI   |   |      |          |                 |          |



AB Title compds. [I; R1 = H, alk(en)yl, alkoxyethyl, oxoalkyl, etc.; R2,R3 = H, halo, (di)(alkyl)amino, alkyl, etc.; R2R3 = atoms to complete a ring] were prepd. Thus, 2-FC6H4Br was cyclocondensed with cyclopentadiene and the product osmylated to give 1,2,3,4-tetrahydro-1,4-methanonaphthalene-2,3-diol which was treated with NaIO4 and the product cyclocondensed with PhCH2NH2 to give, after deprotection, I (R1-R3 = H). Data for biol. activity of I were given.

IT 69718-72-5P 230614-99-0P 230615-00-6P  
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Searched by John Dantzman 703-308-4488

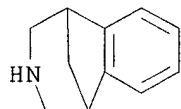
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230615-28-8P 230615-29-9P 230615-30-2P  
230615-31-3P 230615-32-4P 230615-33-5P  
230615-34-6P 230615-35-7P 230615-36-8P  
230615-37-9P 230615-38-0P 230615-39-1P  
230615-40-4P 230615-41-5P 230615-42-6P  
230615-43-7P 230615-44-8P 230615-45-9P  
230615-46-0P 230615-52-8P 230615-75-5P

RL: BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(prepn. of 1,5-methano-3-benzazepines and analogs as nicotinic receptor ligands)

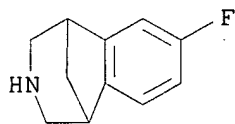
RN 69718-72-5 CAPLUS

CN 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro- (9CI) (CA INDEX NAME)



RN 230614-99-0 CAPLUS

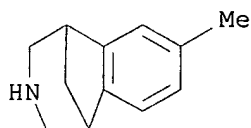
CN 1,5-Methano-1H-3-benzazepine, 7-fluoro-2,3,4,5-tetrahydro-, hydrochloride (9CI) (CA INDEX NAME)



● HCl

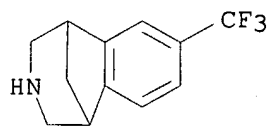
RN 230615-00-6 CAPLUS

CN 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-7-methyl-, hydrochloride (9CI) (CA INDEX NAME)



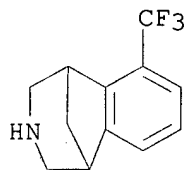
● HCl

RN 230615-01-7 CAPLUS

CN 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-7-(trifluoromethyl)-,  
hydrochloride (9CI) (CA INDEX NAME)

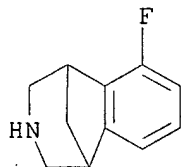
● HCl

RN 230615-02-8 CAPLUS

CN 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-6-(trifluoromethyl)-,  
hydrochloride (9CI) (CA INDEX NAME)

● HCl

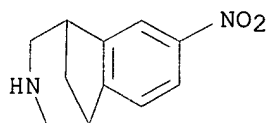
RN 230615-03-9 CAPLUS

CN 1,5-Methano-1H-3-benzazepine, 6-fluoro-2,3,4,5-tetrahydro-, hydrochloride  
(9CI) (CA INDEX NAME)

● HCl

RN 230615-04-0 CAPLUS

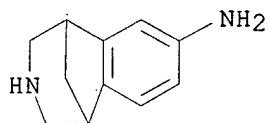
CN 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-7-nitro-,  
monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 230615-05-1 .CAPLUS

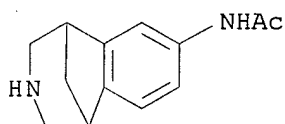
CN 1,5-Methano-1H-3-benzazepin-7-amine, 2,3,4,5-tetrahydro-,  
monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 230615-06-2 CAPLUS

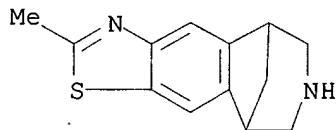
CN Acetamide, N-(2,3,4,5-tetrahydro-1,5-methano-1H-3-benzazepin-7-yl)-,  
monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 230615-07-3 CAPLUS

CN 5,9-Methano-5H-thiazolo[4,5-h][3]benzazepine,  
6,7,8,9-tetrahydro-2-methyl-,  
monohydrochloride (9CI) (CA INDEX NAME)

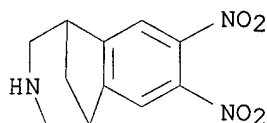


cl. 17

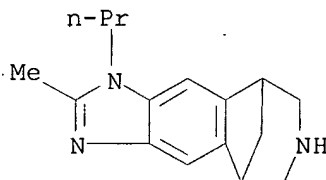
● HCl

RN 230615-08-4 CAPLUS

CN 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-7,8-dinitro- (9CI) (CA INDEX NAME)



RN 230615-09-5 CAPLUS

CN 5,9-Methanoimidazo[4,5-h][3]benzazepine,  
1,5,6,7,8,9-hexahydro-2-methyl-1-  
propyl-, monohydrochloride (9CI) (CA INDEX NAME)

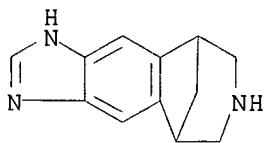
cl. 18

● HCl

RN 230615-10-8 CAPLUS

CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-,  
monohydrochloride (9CI) (CA INDEX NAME)



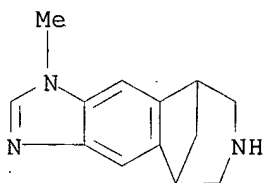


Cl.15

● HCl

RN 230615-11-9 CAPLUS

CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-1-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

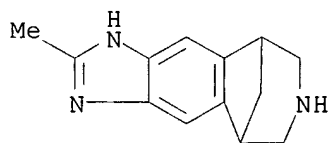


Cl.15

● HCl

RN 230615-12-0 CAPLUS

CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-2-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

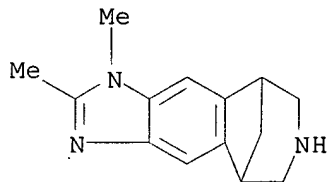


Cl.15

● HCl

RN 230615-13-1 CAPLUS

CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-1,2-dimethyl-, monohydrochloride (9CI) (CA INDEX NAME)

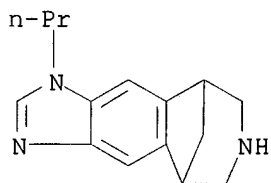


Cl. 19

● HCl

RN 230615-14-2 CAPLUS

CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-1-propyl-, monohydrochloride (9CI) (CA INDEX NAME)

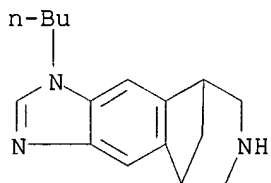


Cl. 15

● HCl

RN 230615-15-3 CAPLUS

CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1-butyl-1,5,6,7,8,9-hexahydro-, monohydrochloride (9CI) (CA INDEX NAME)

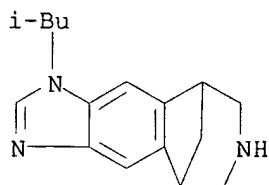


Cl. 15

● HCl

RN 230615-16-4 CAPLUS

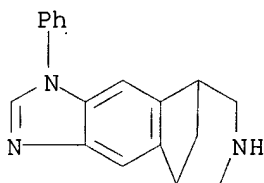
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-1-(2-methylpropyl)-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 230615-17-5 CAPLUS

CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-1-phenyl-, monohydrochloride (9CI) (CA INDEX NAME)

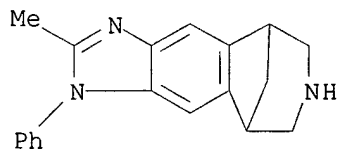


Cl.15

● HCl

RN 230615-18-6 CAPLUS

CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-2-methyl-1-phenyl-, monohydrochloride (9CI) (CA INDEX NAME)

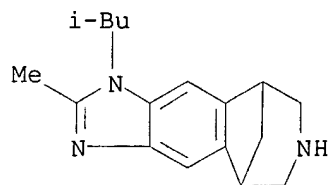


Cl.15

● HCl

RN 230615-19-7 CAPLUS

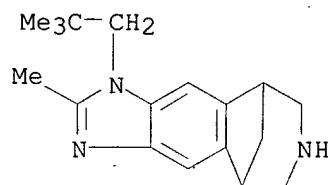
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-2-methyl-1-(2-methylpropyl)-, monohydrochloride (9CI) (CA INDEX NAME)



Cl.15

● HCl

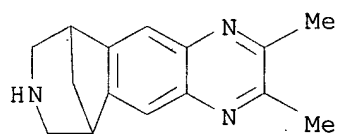
RN 230615-20-0 CAPLUS  
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1-(2,2-dimethylpropyl)-  
1,5,6,7,8,9-hexahydro-2-methyl-, monohydrochloride (9CI) (CA INDEX NAME)



Cl.15

● HCl

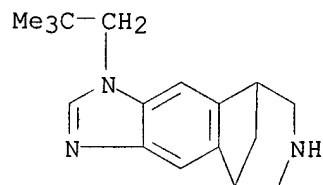
RN 230615-21-1 CAPLUS  
CN 6,10-Methano-6H-pyrazino[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro-2,3-  
dimethyl-, monohydrochloride (9CI) (CA INDEX NAME)



Cl.20

● HCl

RN 230615-22-2 CAPLUS  
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1-(2,2-dimethylpropyl)-  
1,5,6,7,8,9-hexahydro-, monohydrochloride (9CI) (CA INDEX NAME)

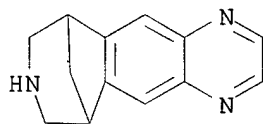


C1.15

● HCl

RN 230615-23-3 CAPLUS

CN 6,10-Methano-6H-pyrazino[2,3-h][3]benzazepine, 6,7,8,9-tetrahydro-, monohydrochloride (9CI) (CA INDEX NAME)

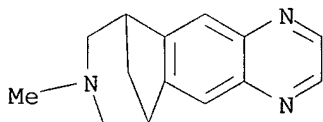


C1.21

● HCl

RN 230615-24-4 CAPLUS

CN 6,10-Methano-6H-pyrazino[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro-8-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

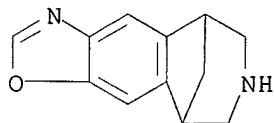


C1.22

● HCl

RN 230615-25-5 CAPLUS

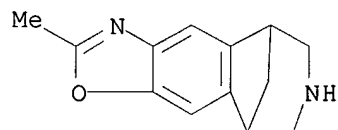
CN 5,9-Methano-5H-oxazolo[4,5-h][3]benzazepine, 6,7,8,9-tetrahydro-, monohydrochloride (9CI) (CA INDEX NAME)



Cl. 23

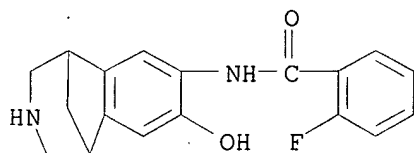
● HCl

RN 230615-26-6 CAPLUS  
CN 5,9-Methano-5H-oxazolo[4,5-h][3]benzazepine,  
6,7,8,9-tetrahydro-2-methyl-,  
monohydrochloride (9CI) (CA INDEX NAME)



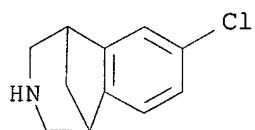
● HCl

RN 230615-27-7 CAPLUS  
CN Benzamide, 2-fluoro-N-(2,3,4,5-tetrahydro-8-hydroxy-1,5-methano-1H-3-benzazepin-7-yl)-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

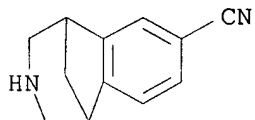
RN 230615-28-8 CAPLUS  
CN 1,5-Methano-1H-3-benzazepine, 7-chloro-2,3,4,5-tetrahydro-, hydrochloride  
(9CI) (CA INDEX NAME)



● HCl

RN 230615-29-9 CAPLUS

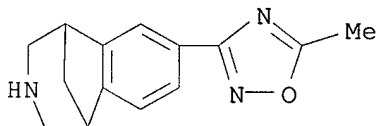
CN 1,5-Methano-1H-3-benzazepine-7-carbonitrile, 2,3,4,5-tetrahydro-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 230615-30-2 CAPLUS

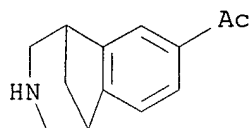
CN 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-7-(5-methyl-1,2,4-oxadiazol-3-yl)-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 230615-31-3 CAPLUS

CN Ethanone, 1-(2,3,4,5-tetrahydro-1,5-methano-1H-3-benzazepin-7-yl)-, hydrochloride (9CI) (CA INDEX NAME)

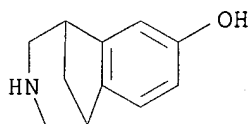


● HCl

RN 230615-32-4 CAPLUS

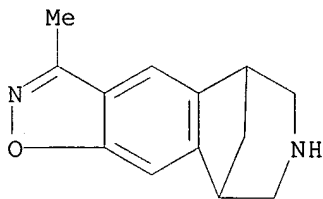
CN 1,5-Methano-1H-3-benzazepin-7-ol, 2,3,4,5-tetrahydro-, hydrochloride  
(9CI)

(CA INDEX NAME)



● HCl

RN 230615-33-5 CAPLUS

CN 5,9-Methano-5H-isoxazolo[4,5-h][3]benzazepine,  
6,7,8,9-tetrahydro-3-methyl-  
, monohydrochloride (9CI) (CA INDEX NAME)

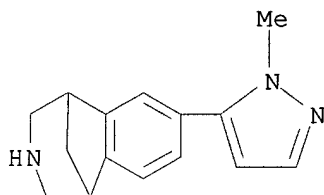
C1.24

● HCl

RN 230615-34-6 CAPLUS

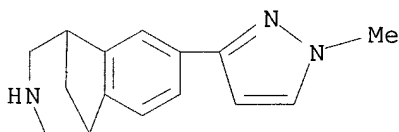
CN 1,5-Methano-1H-3-benzazepine,  
2,3,4,5-tetrahydro-7-(1-methyl-1H-pyrazol-5-  
yl)-, monohydrochloride (9CI) (CA INDEX NAME)





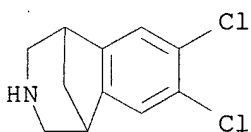
● HCl

RN 230615-35-7 CAPLUS  
CN 1,5-Methano-1H-3-benzazepine,  
2,3,4,5-tetrahydro-7-(1-methyl-1H-pyrazol-3-  
yl)-, monohydrochloride (9CI) (CA INDEX NAME)



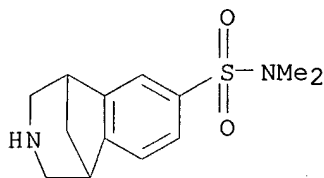
● HCl

RN 230615-36-8 CAPLUS  
CN 1,5-Methano-1H-3-benzazepine, 7,8-dichloro-2,3,4,5-tetrahydro-,  
hydrochloride (9CI) (CA INDEX NAME)



● HCl

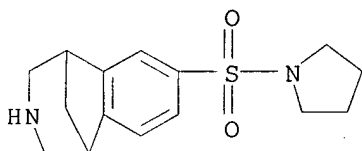
RN 230615-37-9 CAPLUS  
CN 1,5-Methano-1H-3-benzazepine-7-sulfonamide, 2,3,4,5-tetrahydro-N,N-  
dimethyl-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 230615-38-0 CAPLUS

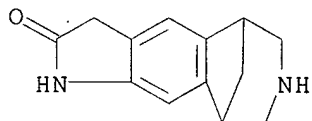
CN Pyrrolidine, 1-[(2,3,4,5-tetrahydro-1,5-methano-1H-3-benzazepin-7-yl)sulfonyl]-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 230615-39-1 CAPLUS

CN 5,9-Methanopyrrolo[2,3-h][3]benzazepin-2(1H)-one, 3,5,6,7,8,9-hexahydro-, monohydrochloride (9CI) (CA INDEX NAME)

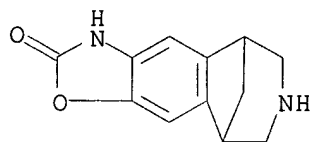


C1.25

● HCl

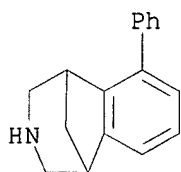
RN 230615-40-4 CAPLUS

CN 5,9-Methano-2H-oxazolo[4,5-h][3]benzazepin-2-one, 3,5,6,7,8,9-hexahydro-, monohydrochloride (9CI) (CA INDEX NAME)



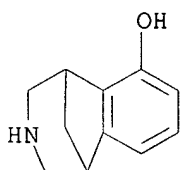
● HCl

RN 230615-41-5 CAPLUS  
CN 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-6-phenyl-, hydrochloride  
(9CI) (CA INDEX NAME)



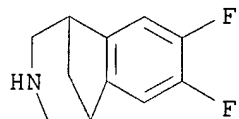
● HCl

RN 230615-42-6 CAPLUS  
CN 1,5-Methano-1H-3-benzazepin-6-ol, 2,3,4,5-tetrahydro-, hydrochloride  
(9CI)  
(CA INDEX NAME)



● HCl

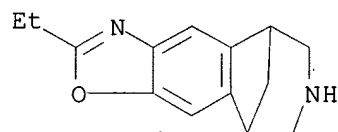
RN 230615-43-7 CAPLUS  
CN 1,5-Methano-1H-3-benzazepine, 7,8-difluoro-2,3,4,5-tetrahydro-,  
hydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 230615-44-8 CAPLUS

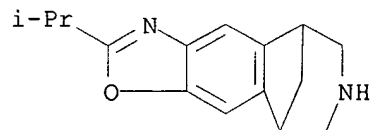
CN 5,9-Methano-5H-oxazolo[4,5-h][3]benzazepine, 2-ethyl-6,7,8,9-tetrahydro-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 230615-45-9 CAPLUS

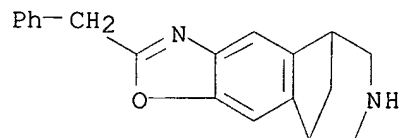
CN 5,9-Methano-5H-oxazolo[4,5-h][3]benzazepine, 6,7,8,9-tetrahydro-2-(1-methylethyl)-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

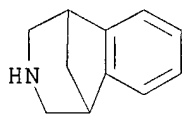
RN 230615-46-0 CAPLUS

CN 5,9-Methano-5H-oxazolo[4,5-h][3]benzazepine, 6,7,8,9-tetrahydro-2-(phenylmethyl)-, monohydrochloride (9CI) (CA INDEX NAME)



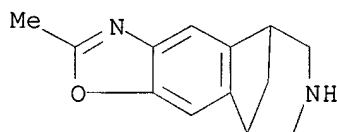
● HCl

RN 230615-52-8 CAPLUS

CN 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-, hydrochloride (9CI)  
(CA INDEX NAME)

● HCl

RN 230615-75-5 CAPLUS

CN 5,9-Methano-5H-oxazolo[4,5-h][3]benzazepine, 6,7,8,9-tetrahydro-2-methyl-  
(9CI) (CA INDEX NAME)

c1.15

IT 230615-48-2P 230615-50-6P 230615-51-7P  
230615-53-9P 230615-54-0P 230615-55-1P  
230615-56-2P 230615-57-3P 230615-58-4P  
230615-59-5P 230615-60-8P 230615-61-9P  
230615-62-0P 230615-63-1P 230615-64-2P  
230615-65-3P 230615-66-4P 230615-67-5P  
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230615-84-6P 230615-85-7P 230615-86-8P  
230615-87-9P 230615-88-0P 230615-89-1P  
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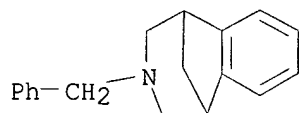
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation)

Searched by John Dantzman 703-308-4488

(prepn. of 1,5-methano-3-benzazepines and analogs as nicotinic  
receptor  
ligands)

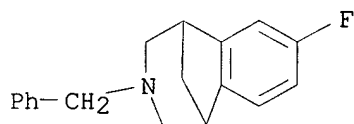
RN 230615-48-2 CAPLUS

CN 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-3-(phenylmethyl)- (9CI)  
(CA INDEX NAME)



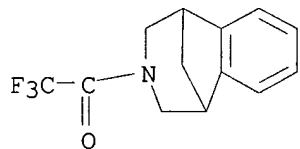
RN 230615-50-6 CAPLUS

CN 1,5-Methano-1H-3-benzazepine,  
7-fluoro-2,3,4,5-tetrahydro-3-(phenylmethyl)-  
(9CI) (CA INDEX NAME)



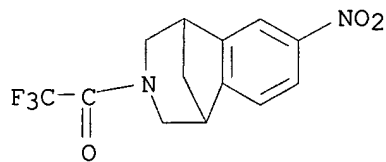
RN 230615-51-7 CAPLUS

CN 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-3-(trifluoroacetyl)-  
(9CI) (CA INDEX NAME)



RN 230615-53-9 CAPLUS

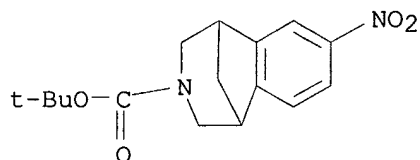
CN 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-7-nitro-3-  
(trifluoroacetyl)- (9CI) (CA INDEX NAME)



RN 230615-54-0 CAPLUS

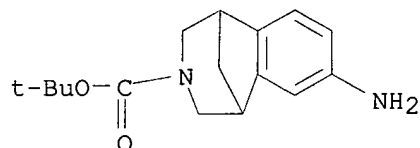
CN 1,5-Methano-3H-3-benzazepine-3-carboxylic acid,  
1,2,4,5-tetrahydro-7-nitro-  
, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Searched by John Dantzman 703-308-4488



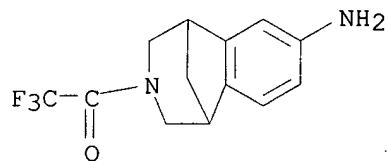
RN 230615-55-1 CAPLUS

CN 1,5-Methano-3H-3-benzazepine-3-carboxylic acid,  
7-amino-1,2,4,5-tetrahydro-  
1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



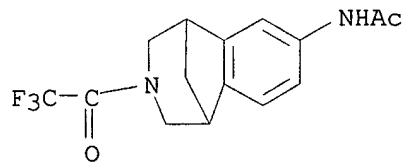
RN 230615-56-2 CAPLUS

CN 1,5-Methano-1H-3-benzazepin-7-amine, 2,3,4,5-tetrahydro-3-  
(trifluoroacetyl)- (9CI) (CA INDEX NAME)



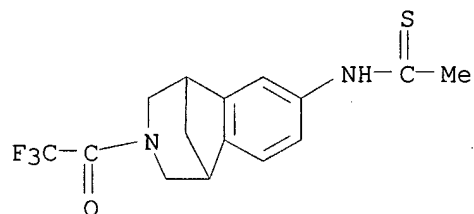
RN 230615-57-3 CAPLUS

CN Acetamide, N-[2,3,4,5-tetrahydro-3-(trifluoroacetyl)-1,5-methano-1H-3-  
benzazepin-7-yl]- (9CI) (CA INDEX NAME)



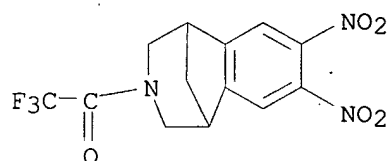
RN 230615-58-4 CAPLUS

CN Ethanethioamide,  
N-[2,3,4,5-tetrahydro-3-(trifluoroacetyl)-1,5-methano-1H-  
3-benzazepin-7-yl]- (9CI) (CA INDEX NAME)



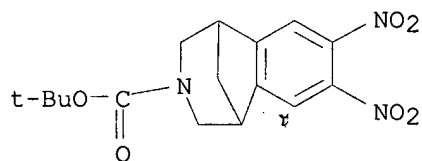
RN 230615-59-5 CAPLUS

CN 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-7,8-dinitro-3-(trifluoroacetyl)- (9CI) (CA INDEX NAME)



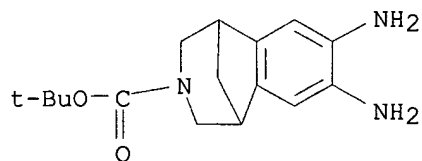
RN 230615-60-8 CAPLUS

CN 1,5-Methano-3H-3-benzazepine-3-carboxylic acid, 1,2,4,5-tetrahydro-7,8-dinitro-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



RN 230615-61-9 CAPLUS

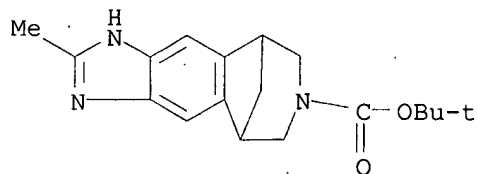
CN 1,5-Methano-3H-3-benzazepine-3-carboxylic acid, 7,8-diamino-1,2,4,5-tetrahydro-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



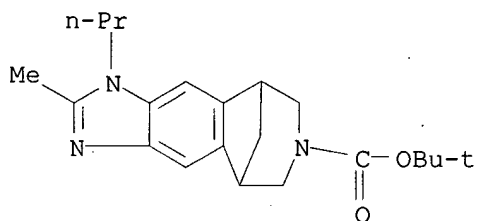
RN 230615-62-0 CAPLUS

CN 5,9-Methanoimidazo[4,5-h][3]benzazepine-7(1H)-carboxylic acid, 5,6,8,9-tetrahydro-2-methyl-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

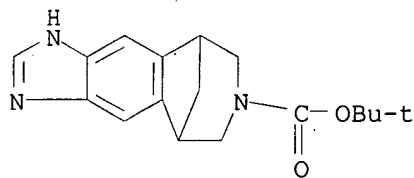




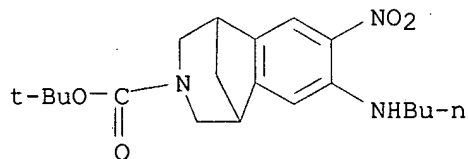
RN 230615-63-1 CAPLUS

CN 5,9-Methanoimidazo[4,5-h][3]benzazepine-7(1H)-carboxylic acid,  
5,6,8,9-tetrahydro-2-methyl-1-propyl-, 1,1-dimethylethyl ester (9CI) (CA  
INDEX NAME)

RN 230615-64-2 CAPLUS

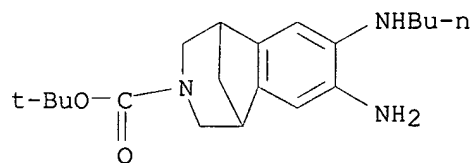
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine-7(1H)-carboxylic acid,  
5,6,8,9-tetrahydro-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 230615-65-3 CAPLUS

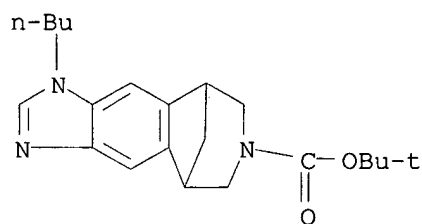
CN 1,5-Methano-3H-3-benzazepine-3-carboxylic acid, 7-(butylamino)-1,2,4,5-  
tetrahydro-8-nitro-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 230615-66-4 CAPLUS

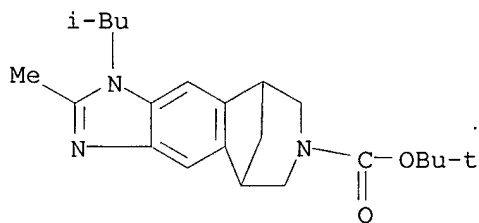
CN 1,5-Methano-3H-3-benzazepine-3-carboxylic acid, 7-amino-8-(butylamino)-  
1,2,4,5-tetrahydro-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



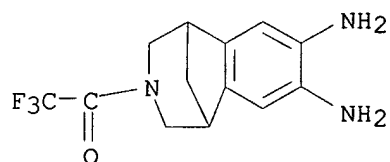
RN 230615-67-5 CAPLUS

CN 5,9-Methanoimidazo[4,5-h][3]benzazepine-7(1H)-carboxylic acid,  
1-butyl-5,6,8,9-tetrahydro-, 1,1-dimethylethyl ester (9CI) (CA INDEX  
NAME)

RN 230615-68-6 CAPLUS

CN 5,9-Methanoimidazo[4,5-h][3]benzazepine-7(1H)-carboxylic acid,  
5,6,8,9-tetrahydro-2-methyl-1-(2-methylpropyl)-, 1,1-dimethylethyl ester  
(9CI) (CA INDEX NAME)

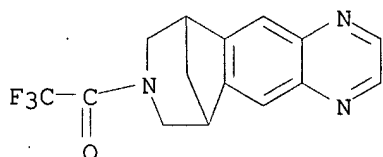
RN 230615-69-7 CAPLUS

CN 1,5-Methano-1H-3-benzazepine-7,8-diamine, 2,3,4,5-tetrahydro-3-  
(trifluoroacetyl)- (9CI) (CA INDEX NAME)

RN 230615-70-0 CAPLUS

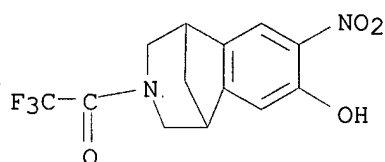
CN 6,10-Methano-6H-pyrazino[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro-8-  
(trifluoroacetyl)- (9CI) (CA INDEX NAME)

Searched by John Dantzman 703-308-4488



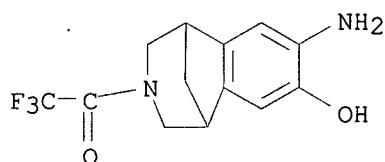
RN 230615-71-1 CAPLUS

CN 1,5-Methano-1H-3-benzazepin-7-ol, 2,3,4,5-tetrahydro-8-nitro-3-(trifluoroacetyl)- (9CI) (CA INDEX NAME)



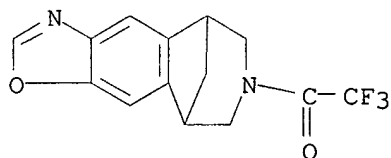
RN 230615-72-2 CAPLUS

CN 1,5-Methano-1H-3-benzazepin-7-ol, 8-amino-2,3,4,5-tetrahydro-3-(trifluoroacetyl)- (9CI) (CA INDEX NAME)



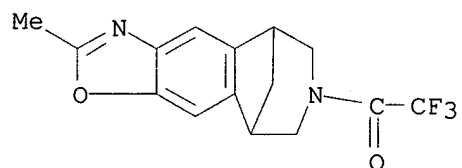
RN 230615-73-3 CAPLUS

CN 5,9-Methano-5H-oxazolo[4,5-h][3]benzazepine, 6,7,8,9-tetrahydro-7-(trifluoroacetyl)- (9CI) (CA INDEX NAME)



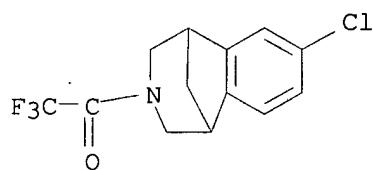
RN 230615-74-4 CAPLUS

CN 5,9-Methano-5H-oxazolo[4,5-h][3]benzazepine, 6,7,8,9-tetrahydro-2-methyl-7-(trifluoroacetyl)- (9CI) (CA INDEX NAME)



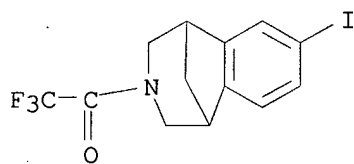
RN 230615-76-6 CAPLUS

CN 1,5-Methano-1H-3-benzazepine, 7-chloro-2,3,4,5-tetrahydro-3-(trifluoroacetyl)- (9CI) (CA INDEX NAME)

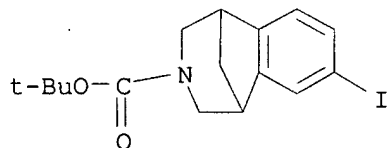


RN 230615-77-7 CAPLUS

CN 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-7-iodo-3-(trifluoroacetyl)- (9CI) (CA INDEX NAME)

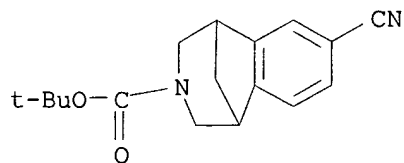


RN 230615-78-8 CAPLUS

CN 1,5-Methano-3H-3-benzazepine-3-carboxylic acid,  
1,2,4,5-tetrahydro-7-iodo-  
, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

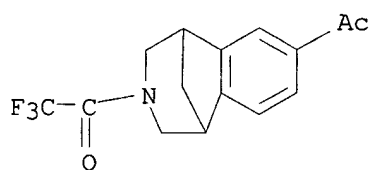
RN 230615-79-9 CAPLUS

CN 1,5-Methano-3H-3-benzazepine-3-carboxylic acid,  
7-cyano-1,2,4,5-tetrahydro-  
, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



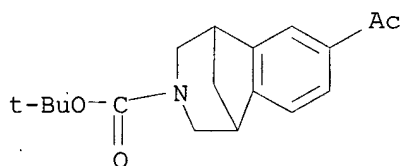
RN 230615-80-2 CAPLUS

CN 1,5-Methano-1H-3-benzazepine, 7-acetyl-2,3,4,5-tetrahydro-3-(trifluoroacetyl)- (9CI) (CA INDEX NAME)



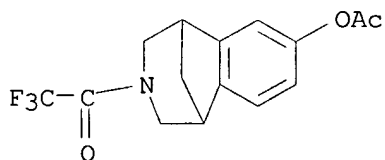
RN 230615-81-3 CAPLUS

CN 1,5-Methano-3H-3-benzazepine-3-carboxylic acid, 7-acetyl-1,2,4,5-tetrahydro-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



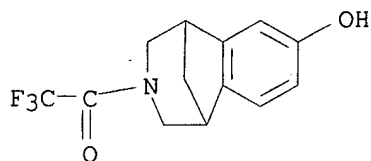
RN 230615-82-4 CAPLUS

CN 1,5-Methano-1H-3-benzazepin-7-ol, 2,3,4,5-tetrahydro-3-(trifluoroacetyl)-, acetate (ester) (9CI) (CA INDEX NAME)



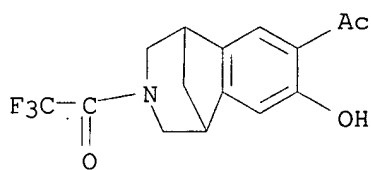
RN 230615-83-5 CAPLUS

CN 1,5-Methano-1H-3-benzazepin-7-ol, 2,3,4,5-tetrahydro-3-(trifluoroacetyl)- (9CI) (CA INDEX NAME)



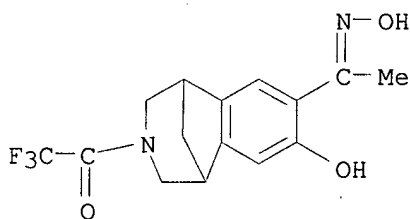
RN 230615-84-6 CAPLUS

CN 1,5-Methano-1H-3-benzazepin-7-ol, 8-acetyl-2,3,4,5-tetrahydro-3-(trifluoroacetyl)- (9CI) (CA INDEX NAME)



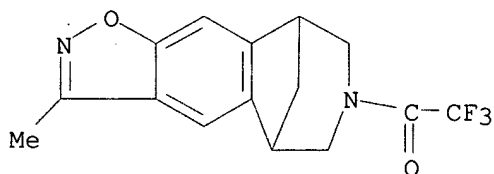
RN 230615-85-7 CAPLUS

CN 1,5-Methano-1H-3-benzazepin-7-ol, 2,3,4,5-tetrahydro-8-[1-(hydroxyimino)ethyl]-3-(trifluoroacetyl)- (9CI) (CA INDEX NAME)



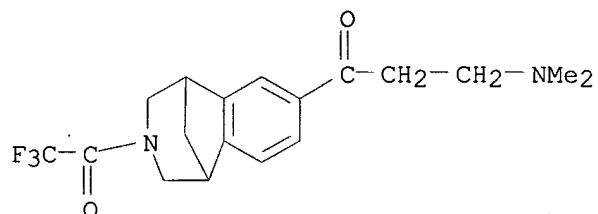
RN 230615-86-8 CAPLUS

CN 5,9-Methano-5H-isoxazolo[4,5-h][3]benzazepine, 6,7,8,9-tetrahydro-3-methyl-7-(trifluoroacetyl)- (9CI) (CA INDEX NAME)



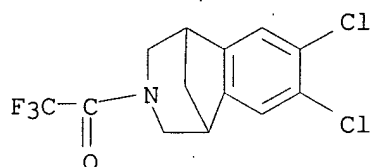
RN 230615-87-9 CAPLUS

CN 1,5-Methano-1H-3-benzazepine-7-propanamine, 2,3,4,5-tetrahydro-N,N-dimethyl-.gamma.-oxo-3-(trifluoroacetyl)- (9CI) (CA INDEX NAME)



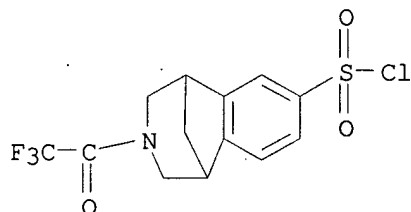
RN 230615-88-0 CAPLUS

CN 1,5-Methano-1H-3-benzazepine, 7,8-dichloro-2,3,4,5-tetrahydro-3-(trifluoroacetyl)- (9CI) (CA INDEX NAME)



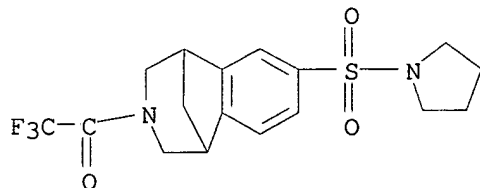
RN 230615-89-1 CAPLUS

CN 1,5-Methano-1H-3-benzazepine-7-sulfonyl chloride, 2,3,4,5-tetrahydro-3-(trifluoroacetyl)- (9CI) (CA INDEX NAME)



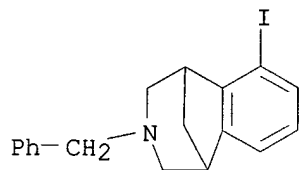
RN 230615-90-4 CAPLUS

CN 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-7-(1-pyrrolidinylsulfonyl)-3-(trifluoroacetyl)- (9CI) (CA INDEX NAME)

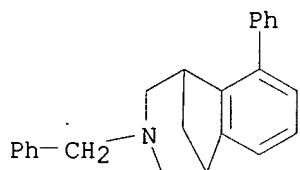


RN 230615-92-6 CAPLUS

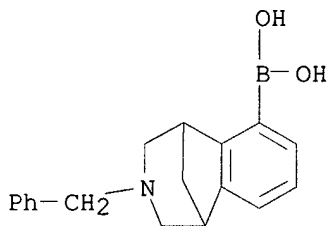
CN 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-6-iodo-3-(phenylmethyl)- (9CI) (CA INDEX NAME)



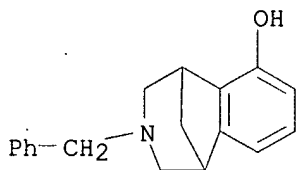
RN 230615-93-7 CAPLUS  
CN 1,5-Methano-1H-3-benzazepine,  
2,3,4,5-tetrahydro-6-phenyl-3-(phenylmethyl)-  
(9CI) (CA INDEX NAME)



RN 230615-94-8 CAPLUS  
CN Boronic acid, [2,3,4,5-tetrahydro-3-(phenylmethyl)-1,5-methano-1H-3-  
benzazepin-6-yl]- (9CI) (CA INDEX NAME)



RN 230615-95-9 CAPLUS  
CN 1,5-Methano-1H-3-benzazepin-6-ol, 2,3,4,5-tetrahydro-3-(phenylmethyl)-  
(9CI) (CA INDEX NAME)



RE.CNT 2  
RE

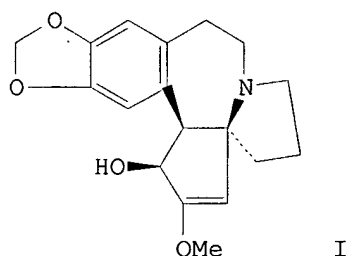
- (1) Carson, J; US 3471503 A 1969 CAPLUS
- (2) Mazzochi, P; Journal of Medicinal Chemistry 1979, V22(4), P455



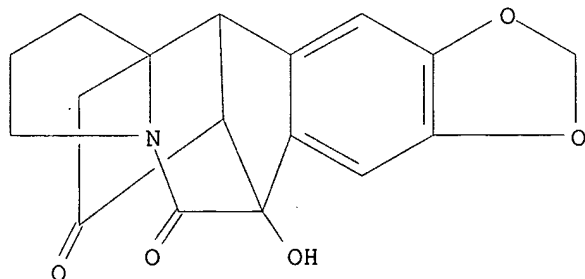


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~~LN~~ 121 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2000 ACS  
~~AN~~ 1993:495893 CAPLUS  
DN 119:95893  
TI Synthetic approaches to 11-hydroxycephalotaxine  
AU Ikeda, Masazumi; Kosaka, Keigo; Sakakibara, Minoru; Okano, Masahiko  
CS Kyoto Pharm. Univ., Kyoto, 607, Japan  
SO Heterocycles (1993), 35(1), 81-4  
CODEN: HTCYAM; ISSN: 0385-5414  
DT Journal  
LA English  
GI



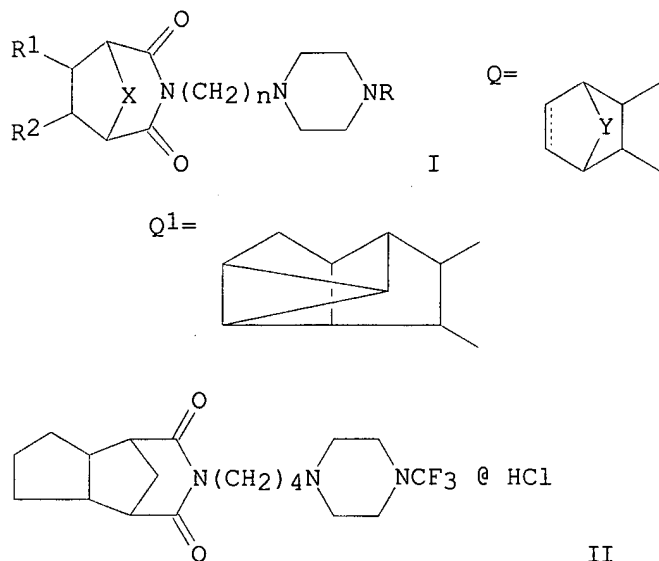
AB Several approaches to functionalize the cephalotaxine (I) skeleton based on the Pummerer reaction and Moriarty oxidn. are described.  
IT **148679-83-8P**  
RL: SPN (Synthetic preparation); PREP (Preparation)  
(prepn. of)  
RN 148679-83-8 CAPLUS  
CN 8H-10a,5,11-[1]Propanyl[3]ylidene-6H-1,3-dioxolo[4,5-h]pyrrolo[2,1-b][3]benzazepine-6,14-dione, 5,9,10,11-tetrahydro-, [5S-(5.alpha.,10a.beta.,11.beta.,13R\*)]- (9CI) (CA INDEX NAME)



=> d bib abs hitstr 4

~~DI~~ 1 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2000 ACS  
~~AN~~ 1989:423537 CAPLUS  
DN 111:23537  
TI Preparation of psychotropic N-(piperazinylalkyl) polycyclic imides  
IN Stack, Gary Paul; Golobish, Thomas David; Abou-Gharbia, Magid Abdel Megid  
PA American Home Products Corp., USA  
SO Eur. Pat. Appl., 19 pp.  
CODEN: EPXXDW  
DT Patent  
LA English  
FAN.CNT 1

|      | PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|------|---|------|----------|-----------------|----------|
| PI   | EP 286263   | A1   | 19881012 | EP 1988-302499  | 19880322 |
|      | EP 286263   | B1   | 19910515 |                 |          |
|      | R: AT, BE, CH, DE, ES, FR, GR, IT, LI, LU, NL, SE |      |          |                 |          |
|      | US 4797488  | A    | 19890110 | US 1987-34820   | 19870403 |
|      | CA 1306251  | A1   | 19920811 | CA 1988-561882  | 19880318 |
|      | GB 2203428  | A1   | 19881019 | GB 1988-6778    | 19880322 |
|      | GB 2203428  | B2   | 19901031 |                 |          |
|      | AT 63551  | E    | 19910615 | AT 1988-302499  | 19880322 |
|      | ES 2039617  | T3   | 19931001 | ES 1988-302499  | 19880322 |
|      | AU 8813512  | A1   | 19881006 | AU 1988-13512   | 19880323 |
|      | AU 597480   | B2   | 19900531 |                 |          |
|      | WO 8807529  | A1   | 19881006 | WO 1988-US973   | 19880331 |
|      | W: DK, JP, KR                                     |      |          |                 |          |
|      | JP 01502756                                       | T2   | 19890921 | JP 1988-503414  | 19880331 |
|      | US 4824999  | A    | 19890425 | US 1988-248769  | 19880923 |
|      | DK 8806738  | A    | 19881202 | DK 1988-6738    | 19881202 |
|      | AU 9051158  | A1   | 19900628 | AU 1990-51158   | 19900308 |
|      | AU 617930   | B2   | 19911205 |                 |          |
| PRAI | US 1987-34820                                     |      | 19870403 |                 |          |
|      | EP 1988-302499                                    |      | 19880322 |                 |          |
|      | WO 1988-US973                                     |      | 19880331 |                 |          |
| OS   | MARPAT 111:23537                                  |      |          |                 |          |
| GI   |   |      |          |                 |          |



AB The title compds. [I; R = (halo)-2-pyrimidinyl, (halo)pyrazinyl, (halo)quinolinyl, (un)substituted Ph, pyridinyl; R<sub>1</sub>R<sub>2</sub> = C3-5 alkylene, C3-5 alkenylene, polycyclic alkanediyl moiety Q, Q<sub>1</sub>, atoms to complete a fused benzo ring; X = R<sub>3</sub>R<sub>4</sub>C, S, SO, SO<sub>2</sub>; R<sub>3</sub>, R<sub>4</sub> = H, C1-4 alkyl; R<sub>3</sub>R<sub>4</sub> = C2-4 alkylene; Y = CH<sub>2</sub>, CH<sub>2</sub>CH<sub>2</sub>, O, S; n = 2-5; dotted line represents optional double bond] and their pharmaceutically acceptable salts were prepd. as psychotropic agents, useful as antipsychotics and anxiolytics. Bicyclo[3.3.0]octane-2,4-dicarboxylic acid was refluxed 3 h in Ac<sub>2</sub>O to

give

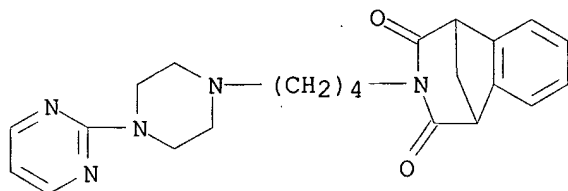
its anhydride which was refluxed 48 h with 1-(4-aminobutyl)-4-(trifluoromethyl)piperazine in xylene to give, after acidification, methanocyclopentazepinedione II. In rats, II inhibited the conditioned avoidance response with an ED<sub>50</sub> of 46.17 mg/kg orally and inhibited apomorphine-induced stereotypy and climbing behavior with ED<sub>50</sub> of 42.37 and 18.89 mg/kg orally, resp.

IT 121305-54-2P 121305-55-3P 121305-69-9P  
121305-70-2P

RL: BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(prepn. of, as antipsychotic)

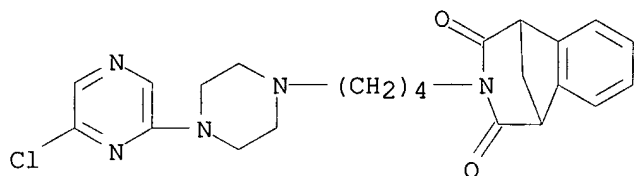
RN 121305-54-2 CAPLUS

CN 1,5-Methano-1H-3-benzazepine-2,4(3H,5H)-dione, 3-[4-[4-(2-pyrimidinyl)-1-piperazinyl]butyl]- (9CI) (CA INDEX NAME)



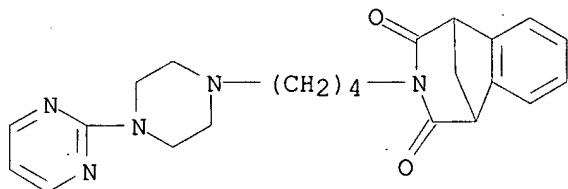
RN 121305-55-3 CAPLUS

CN 1,5-Methano-1H-3-benzazepine-2,4(3H,5H)-dione,  
3-[4-[4-(6-chloropyrazinyl)-  
1-piperazinyl]butyl]- (9CI) (CA INDEX NAME)



RN 121305-69-9 CAPLUS

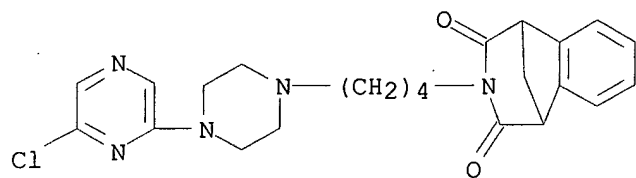
CN 1,5-Methano-1H-3-benzazepine-2,4(3H,5H)-dione, 3-[4-[4-(2-pyrimidinyl)-1-  
piperazinyl]butyl]-, dihydrochloride (9CI) (CA INDEX NAME)



● 2 HCl

RN 121305-70-2 CAPLUS

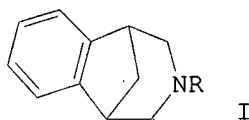
CN 1,5-Methano-1H-3-benzazepine-2,4(3H,5H)-dione,  
3-[4-[4-(6-chloropyrazinyl)-  
1-piperazinyl]butyl]-, monohydrochloride (9CI) (CA INDEX NAME)



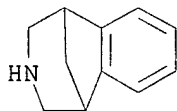
● HCl

=> d bib abs hitstr 5

L21 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2000 ACS  
AN 1979:432639 CAPLUS  
DN 91:32639  
TI Synthesis and pharmacological activity of 2,3,4,5-tetrahydro-1,5-methano-1H-3-benzazepines  
AU Mazzocchi, Paul H.; Stahly, Barbara C.  
CS Dep. Chem., Univ. Maryland, College Park, MD, USA  
SO J. Med. Chem. (1979), 22(4), 455-7  
CODEN: JMCMAR; ISSN: 0022-2623  
DT Journal  
LA English  
GI



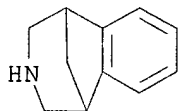
AB The title compds. I (R = H, alkyl, allyl, etc.) were prepd. from 2,3-dioxobenzonorborene. 3-Allyl-2,3,4,5-tetrahydro-1,5-methano-1H-3-benzazepine oxalate (1:1) showed a slight antinociceptive activity in the mouse hot-plate assay and little antagonistic activity in the tail-flick assay. None of other I showed significant analgesic activity and all except 2,3,4,5-tetrahydro-3-(2-phenylethyl)-1,5-methano-1H-3-benzazepine oxalate (1:1) were toxic. Structure-activity relations are discussed.  
IT **69718-72-5P**  
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation) (prepn. and alkylation of)  
RN 69718-72-5 CAPLUS  
CN 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro- (9CI) (CA INDEX NAME)



IT **69718-73-6P 69718-78-1P 69718-80-5P**  
**69718-83-8P 69718-85-0P 69718-87-2P**  
**69718-89-4P**  
RL: SPN (Synthetic preparation); PREP (Preparation) (prepn. and analgesic and narcotic antagonist activities of)  
RN 69718-73-6 CAPLUS  
CN 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-, ethanedioate (1:1) (9CI) (CA INDEX NAME)  
CM 1  
CRN 69718-72-5

Searched by John Dantzman 703-308-4488

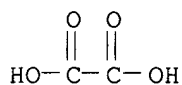
CMF C11 H13 N



CM 2

CRN 144-62-7

CMF C2 H2 O4



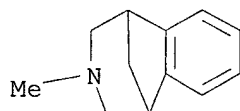
RN 69718-78-1 CAPLUS

CN 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-3-methyl-, ethanedioate (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 69718-77-0

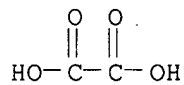
CMF C12 H15 N



CM 2

CRN 144-62-7

CMF C2 H2 O4



RN 69718-80-5 CAPLUS

CN 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-3-(2-phenylethyl)-, ethanedioate (1:1) (9CI) (CA INDEX NAME)

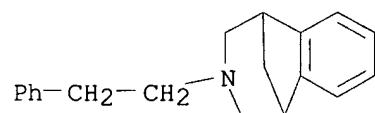
CM 1

CRN 69718-79-2

CMF C19 H21 N

Searched by John Dantzman 703-308-4488

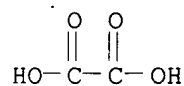




CM 2

CRN 144-62-7

CMF C2 H2 O4



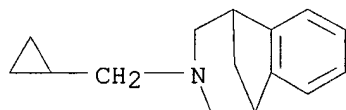
RN 69718-83-8 CAPLUS

CN 1,5-Methano-1H-3-benzazepine, 3-(cyclopropylmethyl)-2,3,4,5-tetrahydro-, ethanedioate (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 69718-82-7

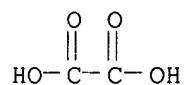
CMF C15 H19 N



CM 2

CRN 144-62-7

CMF C2 H2 O4



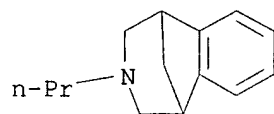
RN 69718-85-0 CAPLUS

CN 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-3-propyl-, ethanedioate (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 69718-84-9

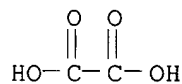
CMF C14 H19 N



CM 2

CRN 144-62-7

CMF C2 H2 O4



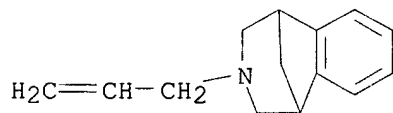
RN 69718-87-2 CAPLUS

CN 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-3-(2-propenyl)-, ethanedioate (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 69718-86-1

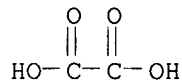
CMF C14 H17 N



CM 2

CRN 144-62-7

CMF C2 H2 O4



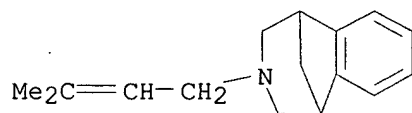
RN 69718-89-4 CAPLUS

CN 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-3-(3-methyl-2-butenyl)-, ethanedioate (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 69718-88-3

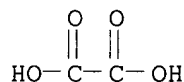
CMF C16 H21 N



CM 2

CRN 144-62-7

CMF C2 H2 O4

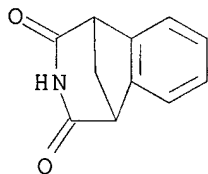


IT 69718-76-9P 69718-81-6P

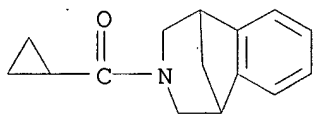
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation)  
(prepn. and redn. of)

RN 69718-76-9 CAPLUS

CN 1,5-Methano-1H-3-benzazepine-2,4(3H,5H)-dione (9CI) (CA INDEX NAME)



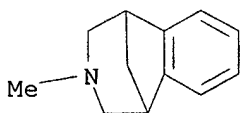
RN 69718-81-6 CAPLUS

CN 1,5-Methano-1H-3-benzazepine, 3-(cyclopropylcarbonyl)-2,3,4,5-tetrahydro-  
(9CI) (CA INDEX NAME)

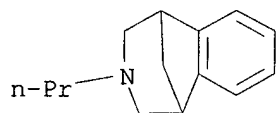
IT 69718-77-0P 69718-84-9P

RL: SPN (Synthetic preparation); PREP (Preparation)  
(prepn. of)

RN 69718-77-0 CAPLUS

CN 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-3-methyl- (9CI) (CA  
INDEX NAME)

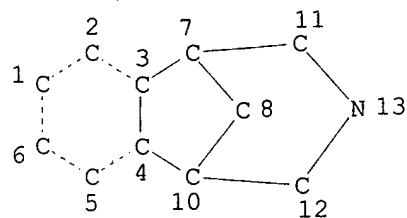
RN 69718-84-9 CAPLUS

CN 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-3-propyl- (9CI) (CA  
INDEX NAME)

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STR



NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 12

STEREO ATTRIBUTES: NONE

L23 0 SEA FILE=BEILSTEIN SSS FUL L10